

LCD Product Series



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IEI - The Most Comprehensive LCD Product Line

The current product trend has indicated that traditional CRT monitor has become passé with the prevailing LCD monitor in the market. Even though industrial application has long started applying LCD monitors, it is not until the cost drop and technology breakthrough of LCD panel that made LCD products become popular today. Lead by Teddy, IEI has put in a lot of resource in R&D for IEI's LCD product line. Today, we are proud to have the most comprehensive LCD product line among our competitors.

Complete LCD Product Line

IEI's LCD product line includes Panel PC, industrial LCD monitor, LCD kit, industrial workstation, and industrial KVMA. The LCD panel sizes for our LCD product line ranges from 6.2" to 20.1", and are all industrial grade meaning dust and water resistant. Being the first to manufacture 17" P4 panel PC, and the only manufacturer with sun readable panel PC up to 1750 nits, we consider ourselves to be the industrial PC manufacturer with the most extensive line of LCD product. Whether you are applying the LCD product for rack mount, panel mount, wall mount, or you simply need a stand for desktop application, we have all the necessary hardware accessory.

All Made at IEI

We realize that many competitors choose to outsource part of their LCD product line in order to save cost on R&D. But at IEI, we make our LCD product in-house. Starting from having the product specification to chassis design and prototyping, IEI designs and develops the entire product – and we manufacture them too. We believe this ensures better product quality and technical support.

IDM Projects Welcome

The comprehensive LCD product line ensures that we can support our customer better in terms of compatibility issues or later upgrade. Since we make all of our LCD products by ourselves, we are here for long-term support of our product. Moreover, with the expertise we have building the complete line of LCD product, we have the ability to manufacture custom LCD products with our IDM (Innovative Design Manufacturing) service, and we welcome LCD projects from you.

LCD Product Series

Panel PC



The panel PC is positioned for all-in-one full function application within LCD display of industrial computer usage. It provides various type of system level CPU form NS GX1, VIA EDEN/C3, Transmeta Crusoe to Intel® Pentium III/ 4 to be able to meet the different requirements of the software applications. By specific environment operation, IEI is supporting different size of TFT LCD such as 6.4", 8.4", 10.4", 12.1", 15" and 17" to apply to flexible combination of multi-mounting design for RACK, Wall, panel and ARM appliances. On the other hand, the super high brightness LCD displays are capable to support up to 1750cd/m² which is most suitable for outdoor activities and certified by NEMA4 and IP-65 anti water and dust standard.

LCD Workstation



IEI's workstation is an ideal industrial computer within expansion capability suitable for all kind of industrial automation control. The wide range of LCD size from 10.4", 12.1", 15" to 17" enhance its flexibility on different scale of usage. The touch pads, membrane keypad, on screen display control key and programmable function keys are another creative design for hiding automation applications. Moreover, the optional capacitive or resistive touch screen within the industrial certification of NEMA 4 and IP-65 standard to create its add-on value.

RACK-Console



RACK console is the new trend of the way that MIS administrators perform servers maintenance. It saves the space and reduplicates peripherals such as Monitor, Keyboard, Mouse and Speaker for the multi servers' management. IEI's RACK-Console series product line is designed by 1U height with LCD display and multi language supporting English, Japanese, French, Italian and German. For mobile usage, it is equipped with 24V or 48V direct current power source input with optional KVM for single system up to a maximum of eight systems for doing multi management.

Display Monitor/Kits



In the system integration usage, LCD display kits will be the ideal monitor as a replacement for traditional CRT technology. From IEI, the whole series of LCD monitors including 6.4", 8.4", 12.1", 15", 17", are capable of supporting multi-mounting and meets the NEMA 4 and IP-65 standard as well. To be able to meet the different user interface appliances, it also provides optional capacitive and resistive touch screen on specific environment.

LCD Panel PC Products Selection Guide



	Panel PC	Panel PC	Panel PC	Panel PC	Panel PC	Panel PC
Model	HMI-084	HMI-104-R20	PPC-5010	PPC-5012	PPC-1210-R2(*1)	PPC-1212-R2(*1)
LCD Size	8.4" TFT	10.4" TFT	6.4" TFT		12.1" TFT	
Panel type	MITSUBISHI-AA084VV02	AUO-G104SN03	PRIME VIEW-V16C6448AC		Toshiba-LTM12C289	
Max. Resolution	640x480	800x600	640x480		800X600	
Brightness	250 cd/m²	235 cd/m²	300 cd/m²		250 cd/m²	
LCD Color	262K	262K	262K		262K	
Pixel Pitch (mm)	0.267x0.267mm	0.264x0.264mm	0.203x0.203		0.3075x0.3075	
Contrast ratio	450:1 (Typ.)	250:1 (Typ.)	120:1 (Typ.)		250:1 (Typ.)	
View angle H-V	130(H)x110(V)	90(H)x50(V)	170(H)x30(V)		120(H)x90(V)	
LCD MTBF	50,000hrs	50,000hrs	50,000hrs		50,000hrs	
Backlight MTBF	25,000hrs	25,000hrs	20,000hrs		25,000hrs	
SBC Model	ETX-GX-300 (NS GX1-300) ETX-EDEN-400 (VIA EDEN 400MHz) ETX-C400E (Intel ULV 400MHz) ETX-C400-650E (Intel ULV 650MHz)		WAFFER-5820 WAFFER-5822 (NS GX1-300)	WAFFER-6820 (Transmeta Cursoe 733MHz)	WAFFER-5822 (NS GX1-300)	WAFFER-6820 (Transmeta Cursoe 733MHz)
RAM	Up to 512MB SDRAM (Equipped with 128MB SO-DIMM)		Up to 512MB SDRAM (WAFFER-5820) Up to 256MB SDRAM (WAFFER-5822)	Up to 512MB SDRAM	Up to 256MB SDRAM (Ship with 128MB RAM)	Up to 512MB SDRAM (Ship with 128MB RAM)
I/O Ports	RS-232 x3 LPT x1 10/100Mbps LANx2 VGAX1 PS/2 Keyboard/Mouse x1 USB port x2 Audio(IN/OUT) X1		RS-232 x2 LPT x1 10/100Mbps LANx1 VGAX1 PS/2 Keyboard/Mouse x1		RS-232 x2 LPT x1 10/100Mbps LANx1 VGAX1 PS/2 Keyboard/Mouse x1 USB port x2 Audio(IN/OUT/MIC) X1	
SSD	CF Type IIx1		N/A		N/A	
Expansion slot	N/A		One PC/104 Module		One PC/104 Module	
HDD drive bay	1 x 2.5"HDD(Internal)		1 x 2.5" HDD(Internal)		1 x 2.5" HDD(Internal)	
FDD drive bay	N/A		N/A		N/A	
CD-ROM drive bay	N/A		N/A		N/A	
Construction Front panel	Plastic		Heavy-duty steel		Aluminum/Plastic	
Construction Chassis	Plastic		Heavy-duty steel		Aluminum	
Power Supply	ACE-855A (AC Input 55W AT)		ACE-855A (AC Input 55W AT)		AC Input 45W Adapter	
Mounting	Panel mount		Wall mount		Wall/Panel/RACK/ARM mount	
Color	Dark Blue		White (*6)		White (*6)	
Operation Temperature	0~50°C		0~50°C		0~50°C	
Dimension (WxDxH) mm	312x65x212		200x95.5x146		340x71.5x260	
Front panel protection	meets IP-65		N/A		meets IP-65 (*3)	
Option						
Touch Screen	8.4" Resistive type (Include) (*6)	10.4" Resistive type (Include) (*6)	T-R064B (6.4" Resistive type)		T-R121B (12.1" Resistive type) T-C121 (12.1"Capacitive type) (*5)	
Power Supply	ACE-855C (24V DC INPUT 55W AT) ACE-845V (12V DC INPUT 45W AT0		ACE-855C (24V DC INPUT 55W AT) ACE-845V (12V DC INPUT 45W AT)		24VDC INPUT 90W AT 48VDC INPUT 90W AT 12VDC INPUT 90W AT	
Support Software	64MB DOM with Windown CE.NET		N/A	N/A	N/A	N/A

(*1) R2 Version change LCD module

(*3) Aluminum front panel meets IP-65 standard

(*5) Capacitive type touch screen, provided with aluminum made front panel only

(*6) For other color of front panel chassis, please contact supplier

Single
Board
Computer

LCD
Product
Series

Panel PC

Workstation

Rack-Console

Display

LCD-Kit

Touch Screen

Chassis

Power
supply

Peripheral

LCD Panel PC Products Selection Guide



	Panel PC	Panel PC	Panel PC	P4 System Panel PC	P4 System Panel PC
Model	PPC-5020-R2 (*1)	PPC-5050A-R2 (*1)	PPC-5070-R2 (*1)	PPC-5150-R2 (*1)	PPC-5170-R2 (*1)
LCD Size	12.1" TFT	15" TFT	17" TFT	15" TFT	17" TFT
Panel type	Sanyo-TM121SV-02L11	AUO-M150XN05	AUO-M170EN05	AUO-M150XN05	AUO-M170EN05
Max. Resolution	800X600	1024x768	1280x1024	1024x768	1280x1024
Brightness	340 cd/m ²	250 cd/m ²	260 cd/m ²	250 cd/m ²	260 cd/m ²
LCD Color	262K	262K	16.7M	262K	16.7M
Pixel Pitch	0.3075x0.3075	0.297x0.297mm	0.264x0.264mm	0.297x0.297	0.264x0.264
Contrast ratio	300:1 (Typ.)	400:1 (Typ.)	450:1 (Typ.)	400:1 (Typ.)	450:1 (Typ.)
View angle H-V	100(H)x60(V)	145(H)x100(V)	160(H)x160(V)	160(H)x120(V)	160(H)x160(V)
LCD MTBF	50,000hrs	50,000hrs	50,000hrs	50,000hrs	50,000hrs
Backlight MTBF	25,000hrs	25,000hrs	25,000hrs	25,000hrs	25,000hrs
SBC Model	POS-370(Socket 370) POS-EDEN-400(VIA EDEN 400MHz)	POS-370(Socket 370) POS-EDEN-400(VIA EDEN 400MHz)		POS-478 (Socket 478)	
RAM	Up to 512MB SDRAM (EDEN-400) (*2) Up to 1GB SDRAM (POS-370)	Up to 512MB SDRAM (EDEN-400) (*2) Up to 1GB SDRAM (POS-370)		Up to 2GB DDR SDRAM	
I/O Ports	RS-232 x3 RS-232/422/485x1 LPT x1 10/100Mbps LANx1 PS/2 Keyboard/Mouse x1 VGAx1 USB port x2 Audio(IN/OUT/MIC) X1 Speaker x1	RS-232 x3 RS-232/422/485x1 LPT x1 10/100Mbps LANx1 PS/2 Keyboard/Mouse x1 VGAx1 USB port x2 Audio(IN/OUT/MIC) X1		RS-232 x3 RS-232/422/485x1 LPT x1 10/100Mbps LANx1 PS/2 Keyboard/Mouse x1 VGAx1 USB port x2 Audio(IN/OUT/MIC) X1	
SSD	CF Type IIx1	CF Type IIx1		CF Type IIx1	
Expansion slot	N/A	ONE half size PCI or ISA Slot	ONE half size PCI Slot	One half size PCI Slot	
HDD drive bay	1 x 3.5" Removable HDD (IDE Interface)	2 x 2.5"HDD(Internal)	2 x 2.5"HDD(Internal)	2 x 2.5"HDD(Internal)	
FDD drive bay	N/A	1 x Slim type FDD	1 x Slim type FDD	1 x Slim type FDD	
CD-ROM drive bay	N/A	1 x Slim type CD-ROM	1 x Slim type CD-ROM	1 x Slim type CD-ROM	
Construction Front panel	Aluminum/Plastic	Aluminum/Plastic	Aluminum	Aluminum	
Construction Chassis	Stainless Steel	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel	
Power Supply	ACE-816APS (AC Input 150W ATX with PFC)	ACE-916AP (AC Input 150W AT with PFC)	AC Input 200W ATX with PFC	AC INPUT 200W ATX PSU with PFC	
Mounting	Wall/Panel/RACK/ARM mount	Wall/Panel/RACK/ARM mount		Wall/Panel/RACK/ARM mount	
Color	White (*6)	White (*7)		White (*6)	
Operation Temperature	0~50°C	0~50°C		0~50°C	
Dimension (WxDxH)mm	340x108x260	410x93.4x390	452x108.6x356	410x102.4x390	452x108.6x356
Front panel protection	meets IP-65 (*3)	meets IP-65 (*3)		meets IP-65 (*3)	
Option					
Touch Screen	T-R121B (12.1" Resistive type) T-C121 (12.1"Capacitive type) (*5)	T-151B (15.1" Resistive type) T-C151 (15.1"Capacitive type) (*5)	T-R170B (17" Resistive type) T-C170B (17"Capacitive type) (*5)	T-R151B (15.1" Resistive type) T-C151 (15.1"Capacitive type)(*5)	T-R170B (17" Resistive type) T-C170B (17"Capacitive type)(*5)
Power Supply	N/A	N/A	N/A	N/A	N/A
Support Software	N/A	N/A	N/A	N/A	N/A

(*1) R2 Version change LCD module

(*2) POS-EDEN-400 SBC on board 64MB RAM

(*3) Aluminum front panel meets IP-65 standard

(*5) Capacitive type touch screen, provided with aluminum made front panel only

(*6) HMI series ship with standard with touch screen function

(*7) For other color of front panel chassis, please contact supplier

Human-Machine Interface

HMI-104 Vision the future with HMI

Communication between man and machine is the key for a complete total solution

HMI (human-machine interface) is where people and technology meet. The graphic presentation replaces traditional obscure technical terms and makes machine manipulation very direct and reactive. IEI gives you the most flexible and extensible HMI solution, to meet your time-to-market and cost-effective requirements.

Main Features

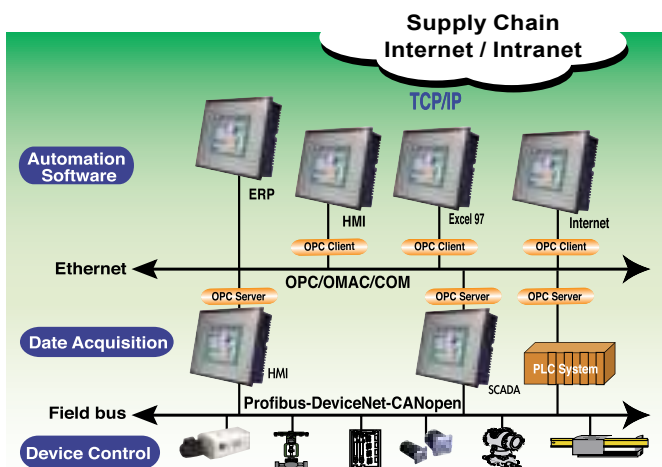
- ◆ Innovative IEI ETX CPU module with flexible and upgradeable options
- ◆ "Harddisk-less" environment can avoid a number of possible crashes and vibration damage caused by hard disk.
- ◆ Equipped with touch screen to offer easy-to-use manipulation and reliable system integration.
- ◆ Selective package with Windows CE .NET platform is ready for integrated application.

PC Base Automation

The current factory control is fractionalized: process controls are the brains behind the system, instrumentation is the eyes and ears of the system, and data networks are the voices that are communicating between systems or subsystems. Process controllers which are PC-based, graphic-interfaced, and web-enabled are replacing proprietary and obsolete PLC controllers. In this infrastructure, the communication among devices are via proprietary protocols such as Profibus, DeviceNet, CANopen, and the status information collected by a local controller are sent to automation software for configuration, monitoring and plug-and-play with sophisticated optimization systems. Data acquisition from devices are passed via Ethernet to enterprise systems, i.e., ERP, and then directed to Supply Chain via Internet. The windows-based human machine interface (HMI) with touch screen panel allows operators to control and monitor important activities on several machines in the same time. Through the OPC interface provided by hardware manufacturer, software developers are free from the difficulties of supporting versatile hardware in the market, and are able to focus on the software design of control processes. OPC is a new protocol based on Microsoft COM/DCOM technology to ease the software

implementation of industry automation and control. As it is known, about 75% of automation systems costs are associated with systems integration and support, therefore the connectivity between shop floor and the business system will permit synchronization of production lines with supply chain execution, scheduling and other production management systems. This free flow of information will permit the manufacturer to move into the era of Internet-enabled production.

The migration to PC-based platform will allow factory floor to operate a common generic HMI workstation through Ethernet or communication I/O. With the HMI application, graphical objects are linked to I/O points, control variables, monitor alarm status, log data to disk, and trend real-time information. Also, if the control software and HMI application utilize a shared database, this eliminates annoying cross-referencing, and improves accuracy. Reliability of the HMI is an absolute requirement, because the machine operates 24 hours a day, seven days a week.



Most Flexible storage device selections of IEI's HMI solutions:

IEI provides two alternative ways to fulfill customers' installation requirements. Each product supports 2.5" IDE hard disk drive bay and cable. For better storage reliability, IEI's HMI product offers 64MB DOM (Disk on Module) with embedded OS pre-installed and Compact Flash for future application installation. Meanwhile, 128MB SDRAM provides enough memory space for resource-consuming applications to run. IDE-interfaced DOM is fanless and comparably more stable and secure than hard disk, besides, heat and shock resistant to harsh environment.

Single Board Computer

LCD Product Series

Panel PC

Workstation

Rack-Console

Display

LCD-Kit

Touch Screen

Chassis

Power supply

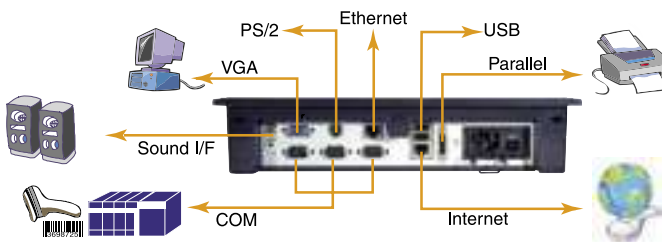
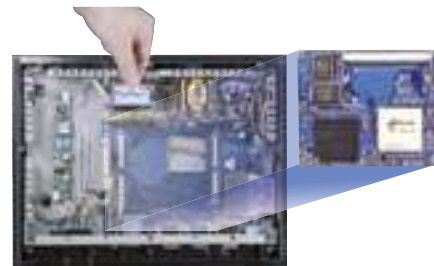
Peripheral

HMI-104 HMI-084

10.4" / 8.4" TFT LCD Human Machine Interface



User friendly design to easy use Compact Flash



The Adoption of ETX Module

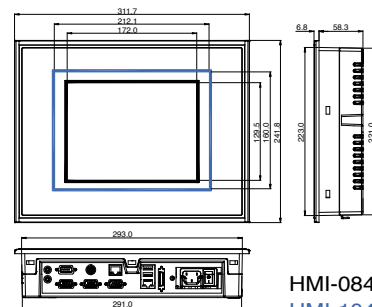
IEI Inc. is introducing a HMI product line, a practical hardware platform for HMI/SCADA software applications, which is made very easy to connect to PLC and Internet by offering LAN and communication ports. Besides it is very cost-effective to upgrade in the future based on its ETX architecture. HMI application vendors are able to save lots of cost by just upgrading the CPU module to get the performance scalability.

Specifications

Model	TFT LCD					
	Size	Resolution	Brightness	Color	LCD MTBF	Backlight MTBF
HMI-084	8.4"	640 x 480	250 cd/m2	262 K	50000 hrs	25000 hrs
HMI-104	10.4"	800 x 600				

- ◆ Plastic front panel, meets IP65 standard
- ◆ Embedded ETX-EDEN-400 / ETX-GX-300 CPU module
- ◆ Equipped with 128MB SDRAM and IDE cable
- ◆ Equipped with 64MB DOM(Disk on Module) with Windows CE.NET pre-installed
- ◆ Ethernet: 2 x 10/100 Mbps RTL8100BL LAN chips
- ◆ I/O:
 - 2 x RS-232 serial port, 1 x RS-232/422/485
 - 1 x VGA port, 1 x parallel port, CF II
 - 2 x USB 1.1 port, PS/2 port, 2 x LAN port
 - 2 x Audio port (1 x Mic-in, 1 x Line-out)
- ◆ One 2.5" HDD drive bay
- ◆ Standard equipped with resistive touch screen
- ◆ Standard equipped with ACE-855A power supply (5V@10A, 12V@4A), and one 6 cm removable cooling fan
- ◆ Option: ACE-855C, 24V DC input power supply
ACE-845V, 12V DC input power supply
- ◆ Operating temperature: 0 ~ 50°C
- ◆ Vibration: 5-17Hz, 0.1" double amplitude displacement
17-640Hz, 1.5G acceleration peak to peak
- ◆ Shock: 10G acceleration peak to peak (11ms)
- ◆ Color: Dark Blue (Pantone 433C)

Dimensions



HMI-084
HMI-104

Ordering Information

HMI-Size	CPU Module	Power Supply	CE
084: 8.4" LCD 104: 10.4" LCD	ACE-855A ACE-855C ACE-845V	None: No. CE: with Windows CE .NET	
• ETX-GX-300	ETX CPU module with NS GX1-300MHz CPU		
• ETX-EDEN-400	ETX CPU Module with VIA Eden-400MHz CPU		

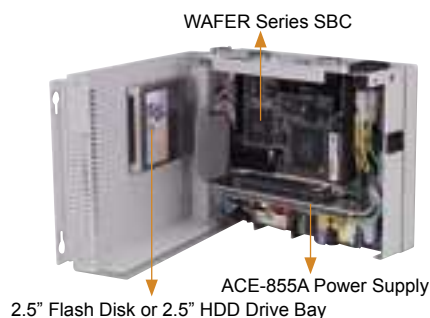
Coming soon

- **ETX-C400E** ULV Intel Celeron 400 MHz ETX CPU Module with LAN function
- **ETX-C400-650E** ULV Intel Celeron 650 MHz ETX CPU Module with LAN function

PPC-5010/5012

6.4" TFT LCD Panel PC

*Compact & Robust mechanical design
180° Reverse Display function available*



Specifications

- ◆ Best solution for Wall-mount human machine interface and embedded system developing application
- ◆ PPC-5010 support WAFER-5820 / 5822 GX1-300 Embedded board
PPC-5012 support WAFER-6820-733 Transmeta TM5800 733MHz Embedded board
- ◆ 6.4" High Brightness TFT LCD
 - 44-pin LCD connector interface to WAFER series SBC
 - High brightness: 300 cd/m²
 - Resolution: 640 x 480
 - Color: 262K (18 bit colors)
 - LCD MTBF: 50000hrs
 - Backlight MTBF: 20000hrs
- ◆ Supports vertical image shift direction selection switch and LCD On/Off switch
- ◆ Standard equipped with ACE-855A 55W industrial power supply (5V@10A, 12V@4A)
- ◆ Space for one especially PC/104 module
- ◆ Space for 2.5" HDD, most suitable to work with ICP Flash Disk IFD-250.
- ◆ Color: White (PANTONE 413C)
- ◆ Vibration: 5~17Hz, 0.1" double amplitude displacement
17~640Hz, 1.5G acceleration peak to peak
- ◆ Shock: 10G acceleration peak to peak (11ms)
- ◆ Operation Temperature: 0~50°C
- ◆ Net/GW: 1/2 (kg)

IEI Option

Optional Resistive Touch Screen (T-R064B)

● ACE-855C

24VDC Input 55W AT Power Supply

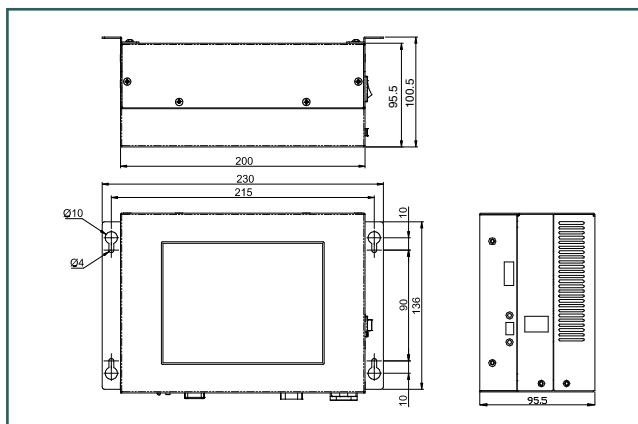
● ACE-845V

12VDC Input 45W AT Power Supply

Main Feature

- 6.4" High Brightness TFT LCD
- Fanless design
- Rugged housing design
- PC/104 module space , adopt to PCMCIA, using wireless card
- Supports Display image reverse function

Dimensions



Ordering Information

Model	Power Supply	Touch Screen
PPC-5010W	ACE-855A (AC Input)	T-R064B
PPC-5012W	ACE-855C (24V DC Input)	
	ACE-845V (12V DC Input)	

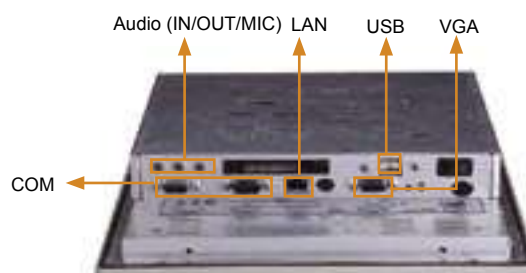
Note: Contact us for other WAFER series products

PPC-1210/1212

12.1" TFT LCD Panel PC



Aluminum front panel is available for a harsh environment. Plastic front panel provides a light and economical solution.



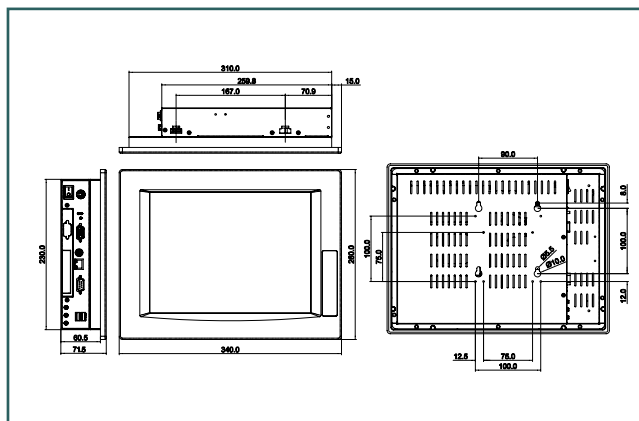
Specifications

- ◆ Thin Depth (71.5mm) design
- ◆ PPC-1210 equipped with WAFER-5822 (NS GX-1 Embedded Compact Board)
- ◆ PPC-1212 equipped with WAFER-6820-733 (Transmeta Crusoe Embedded Compact Board)
- ◆ Aluminum front panel meets IP65 standard
- ◆ 12.1" high brightness TFT LCD.
Resolution: 800x600
Brightness: 250 cd/m²
LCD MTBF: 50,000 hrs
Backlight MTBF: 25,000hrs
- ◆ One 2.5" Internal HDD drive bay
- ◆ Standard equipped with one external power adapter (+5V: 4A and +12V: 1.5A)
- ◆ Optional DC input power adapter PSU-890 series
- ◆ Support Panel/Arm/Wall/Rack Mounting feature
- ◆ I/O: 1x LAN; 2x RS-232; 2 x USB ; 1x VGA ;
1x PS/2 and 1x Audio (IN/OUT/MIC)
- ◆ Operation temperature: 0-50°C
- ◆ Relative Humidity: 5-95%, non-condensing.
- ◆ Vibration:
5~17 Hz, 0.1" double amplitude displacement
17~640 Hz, 1.5G acceleration peak to peak.
- ◆ Shock: 10G acceleration peak to peak. (11ms)
- ◆ Color: White (PANTONE 413C)
- ◆ Net/GW: 2/5 (kg)

IEI Option

- **Touch Screen:**
 - T-R121B (12.1" Resistive type touch screen)
 - T-C121 (12.1" Capacitive type touch screen, provided with aluminum made front panel only)
- **PM-1038** : 2 slot PCMCIA PC/104 module
- **RK-121** : Rack mounting kit
- **ARM-11** : Flat panel monitor arm

Dimensions



Ordering Information

Model	SBC	Touch Screen	Power Supply
PPC-1210W- M-R2	WAFER-5822- R3/128	T-R121B T-R121B, T- C121	None (with one external AC input power adaptor) P (PSU-890P, 110VDC Input) T (PSU-890T, 48VDC Input) C (PSU-890C, 24VDC Input)
PPC-1212W- M-R2	WAFER-6820- 733/128	T-R (T-R121B) T-C (T-C121)	

M: Front panel Material Code AL: Aluminum, None: Plastic
For other colors of front panel and chassis, please contact supplier

PPC-5020

12.1" High Brightness TFT LCD Panel PC

Heavy-Duty Stainless Steel

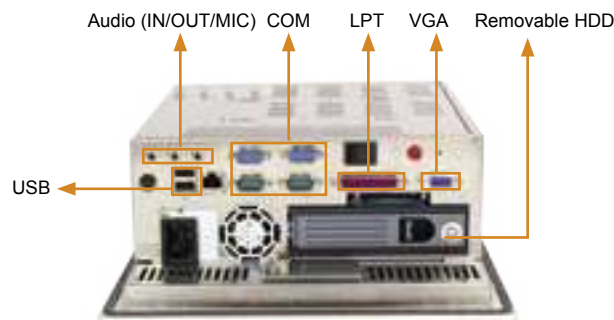


Specifications

- ◆ Aluminum front panel, meets IP65 standard
- ◆ Heavy-Duty stainless steel chassis
- ◆ Equipped with POS-370 or POS-EDEN-400-64MB full function SBC
- ◆ Equipped with cooling fan and speaker
- ◆ Drive Bays:
PPC 5020-R2- 1x 3.5" removable HDD for IDE interface
- ◆ Support panel, wall, rack mountable and VESA standard Arm mountable
- ◆ 12.1" high brightness TFT LCD
 - Resolution: 800 x 600
 - Brightness: 340 cd/m²
 - LCD MTBF: 50000 hrs
 - Backlight MTBF: 25000 hrs
- ◆ Equipped with ACE-816APS 150W ATX Power Supply with PFC function
- ◆ Color: White (PANTONE 413C)
- ◆ Dimension: 340(W) x 260(H) x 108(D) mm
- ◆ Operation temperature: 0 ~ 50°C
- ◆ Relative Humidity: 5-95%, non-condensing.
- ◆ Vibration: 5-17Hz, 0.1" double amplitude displacement
17 ~ 640 Hz, 1.5G acceleration peak to peak
- ◆ Shock: 10G acceleration peak to peak (11ms).
- ◆ Optional T-R121B Resistive or T-C121 Capacitive Touch Screen and RK-121 RACK mounting kit
- ◆ Net/GW: 7/8.5 (kg)

IEI Option

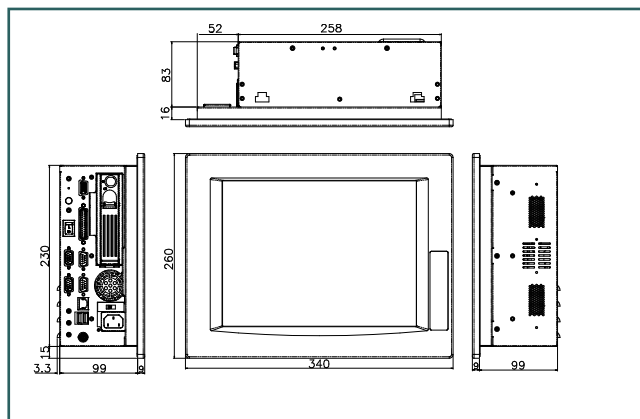
- **RK-12**
RACK Mounting Kit
- **ARM-31**
Loading capacity from 7 to 14 kg



Main Feature

- Both the back case and chassis are made of stainless steel, which provides the whole system an extra robust structure for stringent environment and no need of painting for surface protection.
- The built-in speakers offer a voice-enabling ability of this system to apply in many fields like kiosk, telecommunication systems, etc.
- The removable hard drive can be easily swapped and saving you valuable time.
- Offer a IP65 front panel making wet, dirty, and harsh environment no problem.
- Offer multi-mounting functions including panel, wall, rack, and VESA standard arm mountable support.
- The panel provides high brightness for outdoor applications.

Dimensions



Ordering Information

Model	SBC	Power Supply	Touch Screen
PPC-5020W- [M]-R2	E400-64MB (POS-EDEN-400-64MB) 370N (POS-370N) 370R (POS-370R)	816APS (ACE-816APS)	T-R (T-R121B) T-C (T-C121)

[M] : Front Panel Material Code AL: Aluminum , None: Plastic

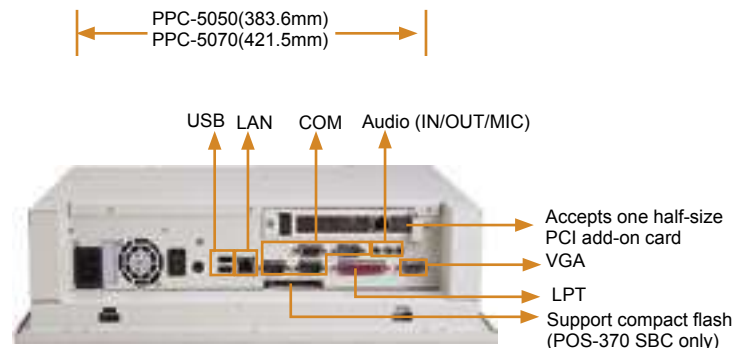
Note:

- * PPC-5020 series plastic front panel are not suitable for capacitive touch screen
- * For other colors of front panel and chassis, please contact supplier

PPC-5070/5050

17" /15" TFT LCD Panel PC

Large-View screen with comparable ultra slim size!



Specifications

- ◆ Panel mountable and VESA standard Arm mountable
- ◆ Aluminum front panel, meets IP65 standard
- ◆ High Brightness TFT LCD
 - Brightness: 260 cd/m² (PPC-5070), 250 cd/m² (PPC-505X series)
 - LCD MTBF: 50,000 hours
 - Backlight MTBF: 25,000 hours

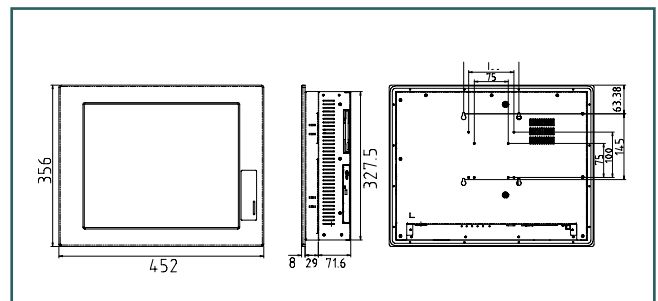
	PPC-5070-R2	PPC-5050A-R2
SBC	POS-370 / POS-EDEN-400	
Display Type	17" TFT LCD	15" TFT LCD
Max. Resolution	1280 x 1024	1024 x 768
HDD Drive Bay	2 x 2.5" internal HDD	1 x 2.5" internal HDD
FDD Drive Bay	1 x 3.5" slim FDD	1 x 3.5" slim FDD
CD-ROM Drive Bay	1 x slim CD-ROM	1 x slim CD-ROM
Power Supply	UPF200-AA 200W Industrial ATX with PFC	ACE-916AP 150W AT Full Range with PFC

- ◆ Accepts one half-size PCI add-on card
- ◆ Operating temperature: 0~50°C
- ◆ Vibration: 5-17Hz, 0.1" double amplitude displacement
17-640Hz, 1.5G acceleration peak to peak
- ◆ Shock: 10G acceleration peak to peak (11ms)
- ◆ Color: White (PANTONE 413C)
- ◆ Optional Resistive or capacitive type Touch Screen and Rackmount Kit
- ◆ Net/GW: 8/12 (kg)(PPC-5050A-R2), 10/14(kg)(PPC-5070-R2)

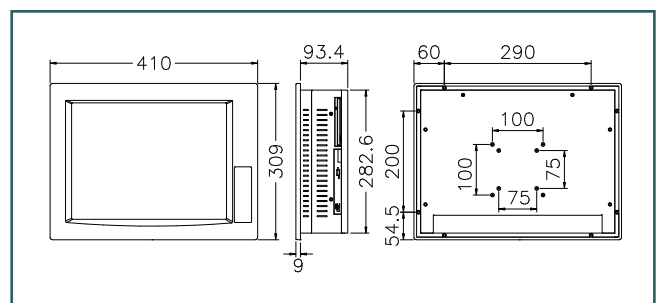
IEI Option

- **RK-150:** RK-170: Rack mount Kit
- **ARM-31:** Loading capacity from 7 to 14kg

Dimensions: PPC-5070



Dimensions: PPC-5050



Ordering Information

Model	SBC	Power Supply	Touch Screen
PPC-5070W-AL-R2	370N(POS-370N) 370R(POS-370R) E400-64MB (POS-EDEN-400-64MB)	UPF 200-AA, 200W ATX	T-R170B T-C170B
PPC-5050AW-M-R2		ACE-916AP, 150W AT	T-R (T-R151B) T-C(T-C151)

M : Front Panel Material Code AL: Aluminum , None: Plastic
Note:

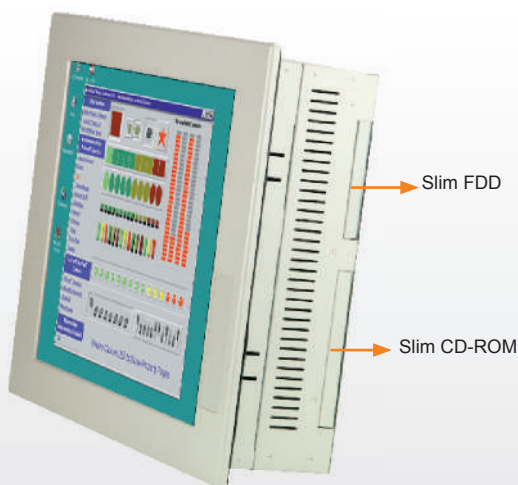
* PPC-5050A series plastic front panels are not suitable for capacitive touch screen

* For other colors of front panel and chassis, please contact supplier

PPC-5170/5150

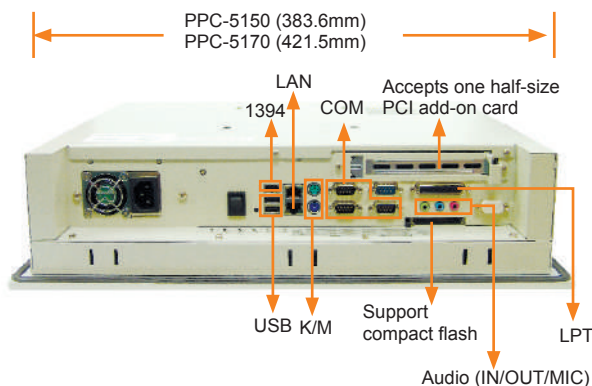
15"/17" TFT LCD P4 Panel PC

Pentium® 4 Panel PC System- Available

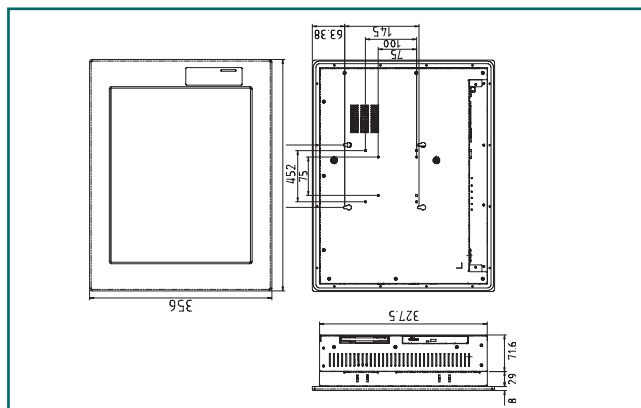


Analog VGA Input

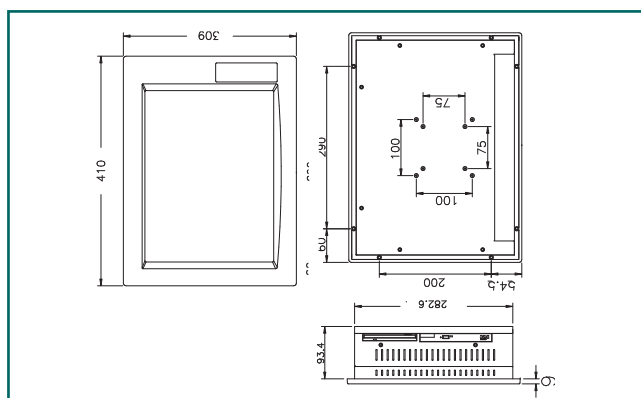
Pentium® 4
FSB 533 Panel PC



• Dimensions: PPC-5170



• Dimensions: PPC-5150



• Specifications

- ◆ CPU: Socket-478 base support Intel® Pentium® 4 / Celeron up to 533 MHz FSB
- ◆ Aluminum front panel meets IP65 standard
- ◆ High brightness TFT LCD
 - Resolution: 1024 x 768 (PPC-5150-R2), 1280 x 1024(PPC-5170-R2)
 - Brightness: 250 cd/m² (PPC-5150-R2), 260 cd/m² (PPC-5170-R2)
 - LCD MTBF: 50,000 hours
 - Backlight MTBF: 25,000 hrs (PPC-5150-R2), 50,000 hrs (PPC-5170-R2)
- ◆ Drive Bays: 1 x Slim FDD , 1 x Slim CD-ROM , 2 x 2.5" HDD
- ◆ Accepts one half-size PCI add-on card
- ◆ Equipped with CPU cooling fan
- ◆ Standard Power Supply: UPF200-AA 200W Industrial ATX with PFC Power Supply
(+5V@21A, +12A@10A, +3.3V@14A, -5V@0.3A, -12V@0.8A, +5V@2A)
- ◆ Operating temperature: 0~50°C
- ◆ Vibration: 5-17Hz, 0.1" double amplitude displacement
17~640 Hz, 1.5G acceleration peak to peak
- ◆ Shock: 10G acceleration peak to peak (11ms)
- ◆ Color: White (PANTONE 413C)
- ◆ Optional Resistive and Capacitive Touch Screen
- ◆ Dimension: 452mm(W)x 356mm(H)x 108.6mm(D) (PPC-5170-R2)
410mm(W)x 309mm(H)x 102.4mm(D) (PPC-5150-R2)
- ◆ Net/GW: 8/12(kg)(PPC-5150-R2), 10/14(kg)(PPC-5170-R2)

• IEI Option

- **ARM-31:**
Loading capacity from 7 to 14kgs
- **RK-150, RK-170:**
Rackmount kit

• Ordering Information

Model	SBC	Touch Screen
PPC-5170W-AL-R2	POS-478	T-R170B, T-C170B
PPC-5150W-AL-R2		T-R151B, T-C151

Note: For other colors of front panel and chassis, please contact supplier

Single Board Computer

LCD Product Series

Panel PC

Workstation

Rack-Console

Display

LCD-Kit

Touch Screen

Chassis

Power supply

Peripheral

RACK Mount LCD Workstation Products Selection Guide



Model	EC-1040	MPC-6010A	MPC-6022A-R2 (*1)	MPC-6050A
Height & Expansion slot	4U 14-slot or ATX MB	4U 14-slot or ATX MB	5U 14-slot or ATX MB	5U 14-slot or ATX MB
LCD Size	6.4"TFT (DM-64T)	6.4"TFT (DM-64T) 8.4"TFT (DM-84T)	12.1"TFT	10.4"TFT
Panel type	PRIME VIEW-V16C6448AC	PRIME VIEW-V16C6448AC (DM-64T) AUO-UB084S01H (DM-84T)	Toshiba-LTM12C289	AUO-UB104S01H
LCD Interface	Analog VGA Input	Analog VGA Input	Analog VGA Input	Analog VGA Input
Max. Resolution	640x480	640x480	800X600	800X600
Brightness	300 cd/m ²	300 cd/m ² (DM-64T) 250 cd/m ² (DM-84T)	250 cd/m ²	250 cd/m ²
LCD Color	262K	262K	262K	262K
View angle H-V	170(H)x30(V)	170(H)x30(V) (DM-64T) 80(H)x40(V) (DM-84T)	120(H)x90(V)	80(H)x40(V)
LCD MTBF	50,000hrs	50,000hrs	50,000hrs	50,000hrs
Backlight MTBF	20,000hrs	20,000hrs (DM-64T) 25,000hrs (DM-84T)	25,000hrs	25,000hrs
Construction Front panel	Plastic	Plastic (DM-64T) Heavy-duty steel (DM-84T)	Heavy-duty steel	Heavy-duty steel
Construction Chassis	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel
OSD Control key	YES	YES	YES	YES
HDD drive bay	N/A	1x3.5" HDD(Internal)	1x3.5" HDD(Internal)	1x3.5" HDD
FDD drive bay	1x3.5" FDD	1x3.5" FDD	1x3.5" FDD	1x3.5" FDD
CD-ROM drive bay	3x5.25" CD-ROM	3x5.25" CD-ROM	1x5.25" CD-ROM	2x5.25" CD-ROM
Keyboard	KM-085 or KM-088	N/A	N/A	KM-088
Power Supply	ACE-832A (AC Input 300W ATX) ACE-R30A (AC Input 300W Redundant ATX)	ACE-832A (AC Input 300W ATX) ACE-R30A (AC Input 300W Redundant ATX)	ACE-832A (AC Input 300W ATX) ACE-R30A (AC Input 300W Redundant ATX)	ACE-832A (AC Input 300W ATX) ACE-R30A (AC Input 300W Redundant ATX)
Mounting	RACK mount	RACK mount	RACK mount	RACK mount
Color	Black	White	White	White
Dimension (WxDxH mm)	431x480x176	431x528x176	431x470x220	431x479x220
Operation Temperature	0~50°C	0~50°C	0~50°C	0~50°C
Option				
Touch Screen	T-R064B (6.4" Resistive type)	T-R064B (6.4" Resistive type -DM-64T) T-R084B (8.4" Resistive type -DM-84T)	T-R121B (12.1" Resistive type)	T-R104C (10.4" Resistive type)
Power Supply	PS/2 AC/DC Input AT/ATX	PS/2 AC/DC Input AT/ATX	PS/2 AC/DC Input AT/ATX	PS/2 AC/DC Input AT/ATX
Support Slide	24" or 18"	24" or 18"	24" or 18"	24" or 18"

LCD Workstation Products Selection Guide



Model	MPC-508	MPC-508H	WS-612A	WS-843A-R2 (*1)	WS-855AW-R2 (*1)
LCD Size	8.4" TFT	8.4" TFT	10.4" TFT	12.1" TFT	15" TFT
Panel type	AUO-UB084S01H	AUO-UB084S01H	AUO-UB104S01H	Toshiba-LTM12C289	AUO-M150XN05
Height & Expansion slot	7-slot (Full size SBC)	6-slot (Half size SBC)	6U 8-slot (Full size SBC)	7U 10-slot (Full size SBC)	8U 10-slot (Full size SBC)
LCD Interface	Analog VGA Input	Analog VGA Input	Analog VGA Input	Analog VGA Input	Analog VGA Input
Max. Resolution	800X600	800X600	800x600	800X600	1024x768
Brightness	250 cd/m ²	250 cd/m ²	260 cd/m ²	250 cd/m ²	250 cd/m ²
LCD Color	262K	262K	262K	262K	262K
View angle (H)x(V)	80(H)x40(V)	80(H)x40(V)	90(H)x50(V)	120(H)x90(V)	160(H)x120(V)
LCD MTBF	50,000hrs	50,000hrs	50,000hrs	50,000hrs	50,000hrs
Backlight MTBF	25,000hrs	25,000hrs	25,000hrs	25,000hrs	25,000hrs
Construction Front panel	Heavy-duty steel	Heavy-duty steel	Aluminum	Plastic & Aluminum	Aluminum
Construction Chassis	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel
OSD Control key	YES	YES	YES	YES	YES
Touch pad	N/A	N/A	N/A	YES	YES
USB port (Front Panel)	Two	Two	One	One	One
HDD drive bay	1x3.5" HDD (Internal)	1x3.5" HDD (Internal)	1x3.5" HDD (Internal)	1x3.5" HDD (Internal)	1x3.5" HDD (Internal)
FDD drive bay	1x3.5" FDD	1x3.5" FDD	1x3.5" FDD	1x3.5" FDD	1x3.5" FDD
CD-ROM drive bay	1x slim type CD-ROM	1x slim type CD-ROM	N/A	1 x 5.25" CD-ROM	1x5.25" CD-ROM
Keyboard	N/A	20 function keys Membrane Keypad	63key & 20 function keys Membrane Keypad	59key & 10 function keys Membrane Keypad	59key & 10 function keys Membrane Keypad
Power Supply	ACE-818APM (AC Input 180W Medical ATX with PFC)	ACE-818APM (AC Input 180W Medical ATX with PFC)	ACE-723A (AC Input 230W AT)	ACE-832AP (AC Input 300W ATX with PFC)	ACE-832AP (AC Input 300W ATX with PFC)
Mounting	Portable	Portable	RACK mount	RACK mount	RACK mount
Color	White	White	White	White	White
Dimension (WxDxH mm)	254x400x170	254x286x235	483x250x266	483x266x310	483x265x354
Operation Temperature	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C
Option					
Touch Screen	T-R084B (8.4" Resistive type)	T-R084B (8.4" Resistive type)	T-R104B (10.4" Resistive type)	T-R121B (12.1" Resistive type)	T-R151B (15.1" Resistive type) T-C151 (15.1" Capacitive type)
Power Supply	N/A	N/A	ACE-723C (24V DC Input 230W AT) ACE-723T (48V DC Input 230W AT)	PS/2 AC/DC Input AT/ATX	PS/2 AC/DC Input AT/AT

(*1) R2 Version change LCD modul

Single
Board
Computer

**LCD
Product
Series**

Panel PC
Workstation
Rack-Console
Display
LCD-Kit
Touch Screen

Chassis

Power
supply

Peripheral

LCD Workstation Products Selection Guide



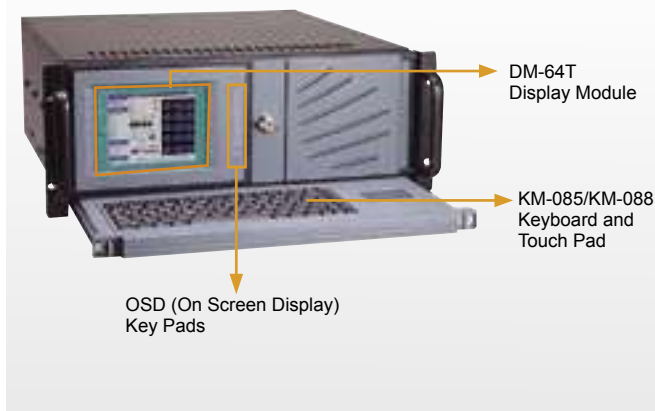
Model	MPC-50A	MPC-52A-R2 (*1)	MPC-55A-R2 (*1)	MPC-57A-R2 (*1)
LCD Size	10.4" TFT	12.1" TFT	15" TFT	17" TFT
Panel type	AUO-UB104S01H	Toshiba-LTM12C289	AUO-M150XN05	AUO-M170EN05
Height & Expansion slot	4-slot (Half size SBC)	6-slot (Half size SBC)	7-slot (Full size SBC)	7-slot (Full size SBC)
LCD Interface	Analog VGA Input	Analog VGA Input	Analog VGA Input	Analog VGA Input
Max. Resolution	800x600	800X600	1024x768	1280x1024
Brightness	260 cd/m ²	250 cd/m ²	250 cd/m ²	260 cd/m ²
LCD Color	262K	262K	262K	16.7M
View angle (H)-(V)	90(H)x50(V)	120(H)x90(V)	160(H)x120(V)	160(H)x160(V)
LCD MTBF	50,000hrs	50,000hrs	50,000hrs	50,000hrs
Backlight MTBF	25,000hrs	25,000hrs	25,000hrs	25,000hrs
Construction Front panel	Plastic	Plastic	Aluminum	
Construction Chassis	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel	
OSD Control key	YES	YES	YES	
HDD drive bay	2x3.5" HDD	1x3.5" HDD (Internal)	2x3.5" Removable HDD (IDE)	
FDD drive bay	1x3.5" FDD	1x3.5" FDD	1x3.5" FDD	
CD-ROM drive bay	1x slim type CD-ROM	1x 5.25" CD-ROM	1x slim type CD-ROM	
Keyboard	N/A	N/A	N/A	N/A
Power Supply	ACE-816AP (AC Input 150W ATX with PFC) ACE-916AP (AC Input 150W AT with PFC)	ACE-816AP (AC Input 150W ATX with PFC) ACE-916AP (AC Input 150W AT with PFC)	ACE-832AP (AC Input 300W ATX with PFC)	
Mounting	Panel mount	Panel mount	Panel mount	
Color	White	White	White	
Dimension (WxDxH mm)	315x228x245	340x249x260	452x225x356	
Operation Temperature	0~50°C	0~50°C	0~50°C	
Front panel protection	meets IP-65	meets IP-65	meets IP-65	
Option				
Touch Screen	T-R104B (10.4" Resistive type)	T-R121B (12.1" Resistive type)	T-R151B (15.1" Resistive type) T-C151 (15.1" Capacitive type)	T-R170B (17" Resistive type) T-C170B (17" Capacitive type)
Power Supply	N/A	N/A	PS/2 AC/DC Input AT/ATX	

(*1) R2 Version change LCD module

EC-1040

4U Full Function IPC Chassis

Complete Function in 4U Chassis



Analog VGA Input

The EC-1040 is a revolutionary design that is very flexible. Included is a 6.4" LCD module and keyboard/touch pad drawer in a 4U height chassis. For additional security enhancements, the LCD module and the keyboard / touch pad drawer is designed to be removed without any difficulty.

Specifications

- ◆ 4U height 19" Rack mounting chassis
- ◆ Front panel locking door system protects disk access and on/off power switches
- ◆ Optional KM-088 Keyboard/TouchPad Drawer Support
- ◆ 85/88keys and PS/2 interface Touch pad
- ◆ LCD monitor Module

Models	DM-64T
LCD Type	6.4" TFT
Resolution	640 x 480
Max. colors	18 bits
Brightness	300cd/m ²
Interface	Analog VGA

- ◆ Drive Bays :
 - 3 x 5.25" Drive Bays
 - 1 x 3.5" FDD
- ◆ Cooling Fans : Two 8cm cooling fans
- ◆ Designed with an anti-vibration card clamp that keep the system stable
- ◆ Supports ATX form factor PC motherboard
- ◆ Monitor Temp. and Fans by built-in A106 Alarm Board
- ◆ Supports Backplane : 14 slot
 - BP-14S, BP-14SD, BP-14SD2, PCI-13SD, PCI-14S, PCI-14S2, PCI-14S3, PX-14S2, PX-14S3, PX-14S5, IP-13SD, IP-14S, IP-14S3, IPX-13S, PCIAGP-13S2, PCIAGP-13S3, PXAGP-12S2, PXAGP-13S, PXAGP-13S3
- ◆ Supports Power Supply : PS/2 size AT/ATX
 - ACE-93x/92x/916V series
 - ACE-828/832/84x/850 series
 - ACE-R30A redundant power supply
- ◆ Optional Slide : 24" or 18"
- ◆ Vibration : 5~17Hz, 0.1" double amplitude displacement
 - 17~640Hz, 1.5G acceleration peak to peak
- ◆ Shock : 10G acceleration peak to peak (11ms)
- ◆ Colors : Black(PANTONE Black C)
- ◆ Operating temperature : 0~50°C
- ◆ Dimensions : 431(W) x 176(H) x 480(D); (17" x 6.9" x 18")
- ◆ Net/GW: 13/20 (kg)



DM-64T

6.4" LCD Module

Analog VGA Input Front OSD
Control Keypad to Adjust Best
Screen Performance



KM-088

88 Key and
Touch Pad Module

Standard support of English version keyboard.
Optional Japanese, German, French, Italian
version keyboard support.



Ordering Information

◆ EC-1040B / Power Supply / Display / KBD

ATX:
ATX MB

ACE-832A/AP
ACE-R30A

DM-64T-1040

KM-088-

:Language Code

EN: English, JP: Japanese, DE: German, FR: French,
IT : Italian

Note: Please contact supplier for touch-screen

Single
Board
Computer

LCD
Product
Series

Panel PC
Workstation
Rack-Console
Display
LCD-Kit
Touch Screen

Chassis

Power
supply

Peripheral

MPC-6010A

4U 14-Slot Chassis with Display Module

Analog VGA Input



DM-84T LCD Module



MPC 6010AW Basic Model (No Display)



DM-64T

6.4" TFT LCD 12VDC Input Analog VGA Input

Optional: T-R084B 6.4" 3M resistive touch screen



DM-84T

8.4" TFT LCD 12VDC Input Analog VGA Input

Optional: T-R084B 8.4" 3M resistive touch screen

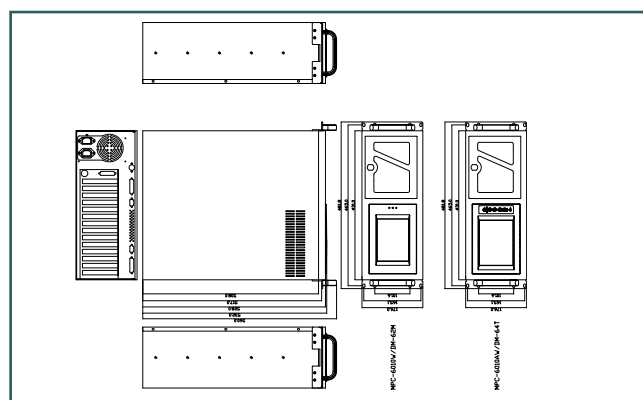
Specifications

- ◆ 4U height 19" Rack mounting chassis
- ◆ Front panel with lockable door to protect the disk access and on/off power switch
- ◆ LCD Monitor Module

Models	DM-64T	DM-84T
LCD Type	6.4" TFT	8.4" TFT
Resolution	640 x 480	800 x 600
Max. colors	18 bits	18 bits
Brightness	300cd/m ²	250cd/m ²
Interface	Analog VGA	Analog VGA
OSD Control	Yes	Yes

- ◆ Drive Bays : 3 x 5.25" Drive
1 x internal 3.5" HDD
1 x 3.5" FDD
- ◆ Cooling Fans : Two 8cm ball bearing cooling fans
- ◆ Designed with anti-vibration card clamp to keep system stable
- ◆ Supports ATX form factor PC motherboard
- ◆ Standard equipped with ACE-832A 300W AT power supply
- ◆ Supports Backplane : 14 slot
PCI-14S3, PCI-14S2, PCI-14S, PX-14S5, PX-14S3, PX-14S2, IP-14S3, IP-14S, BP-14S/SD2/SD/15S, PCI-13SD, IP-13SD, IPX-13S, PCIAGP-13S2, PCIAGP-13S3, PXAGP-12S2, PXAGP-13S, PXAGP-13S3
- ◆ Supports power supply : PS/2 size AT/ATX
ACE-93x/92x/916V series
ACE-828/832/840/850 series
ACE-R30A redundant power supply
- ◆ Optional Slide : 24" or 18"
- ◆ Vibration : 5 ~ 17Hz, 0.1" double amplitude displacement
17 ~ 640Hz, 1.5G acceleration peak to peak
- ◆ Shock : 10G acceleration peak to peak (11ms)
- ◆ Operating temperature : 0-50°C
- ◆ Dimension : 431(W) x 176(H) x 528(D)mm; (17" x 6.9" x 20.8")

Dimensions



Ordering Information

◆ MPC-6010AW ☐ / ☐ / Power Supply / Display / Backplane

ATX:
ATX MB

R: Redundant
power supply

ACE-832A
ACE-832AP
ACE-R30A

DM-64T-6010
DM-84T-6010

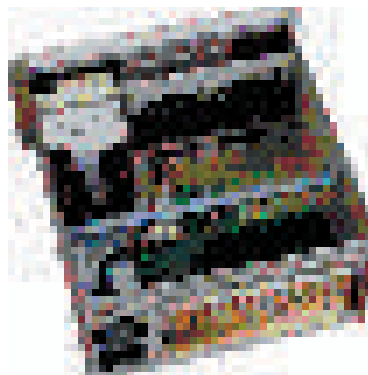
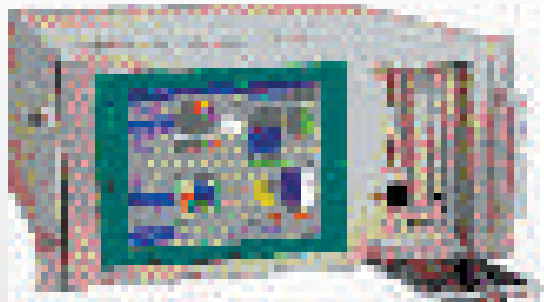
PCI-14S
PX-14S
IP-14S

...

MPC-6022A

5U Height 14-Slot Industrial PC Chassis

Analog VGA Input



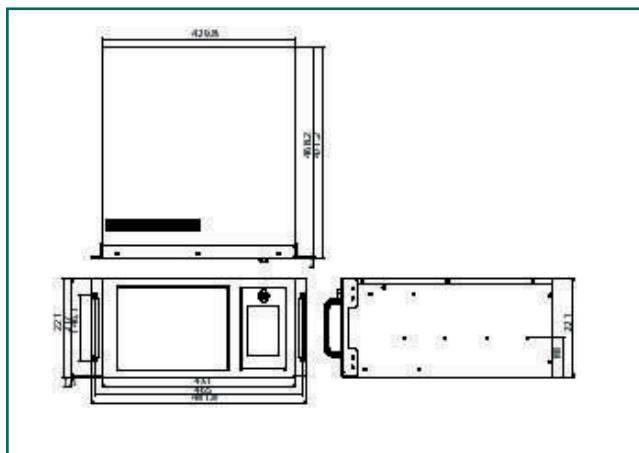
Specifications

- ◆ 5U height 19" Rack mounting chassis
- ◆ Front panel with lockable door to protect disk access, power on/off and reset switch
- ◆ LCD monitor module:
 - 12.1" high Brightness TFT
 - 800x600 resolution
 - Brightness : 350 cd/m²
 - LCD interface: Analog VGA Signal input
- ◆ Drive Bays :
 - 1 x 3.5" FDD
 - 1 x 5.25" CD-ROM
 - 1 x 3.5" HDD
- ◆ Two 12cm ball bearing cooling fans
- ◆ Designed with anti-vibration card clamp to keep system stable
- ◆ Supports ATX form factor PC motherboardn
- ◆ Optional Backplane :
 - PCI-14S3, PCI-14S2, PCI-14S, PX-14S5, PX-14S3, PX-14S2, IP-14S3, IP-14S, BP-14S/SD2/SD/15S, PCI-13SD, IP-13SD, IPX-13S, PCIAGP-13S2, PCIAGP-13S3, PXAGP-12S2, PXAGP-13S, PXAGP-13S3
- ◆ Supports power supply :
 - PS/2 size AT/ATX power supply
 - ACE-R30A redundant power supply
- ◆ Optional Slide : 24" or 18"
- ◆ Vibration: 5 ~17Hz, 0.1" double amplitude displacement
17 ~ 640Hz, 1.5G acceleration peak to peak
- ◆ Shock : 10G acceleration peak to peak (11ms)
- ◆ Colors : White (PANTONE 413C)
- ◆ Dimension : 431(W) x 220(H) x 470(D)mm;(17"x8.7"x18.5")
- ◆ Net/GW: 15/18 (kg)

IEI Option

- ◆ **SLIDE-18** 18" Rackmount slide
- ◆ **SLIDE-24** 24" Rackmount slide
- ◆ **EXTENDER-6** 6" extender for 18" or 24" slide
- ◆ **T-R121B** 3M Micro Touch Resistive touch screen

Dimensions:



Ordering Information

- ◆ **MPC-6022AW-R30/ACE-832A**
5U 14-slot rackmount chassis with 12.1" LCD and ACE-832A 300W power supply
- ◆ **MPC-6022AWR-R30**
5U 14-slot rackmount chassis with 12.1" LCD
- ◆ **MPC-6022AWATX-R30 /ACE- 832A**
5U ATX MB rackmount chassis with 12.1" LCD/ ACE-832A power supply

Single Board Computer

LCD Product Series

Panel PC

Workstation

Rack-Console

Display

LCD-Kit

Touch Screen

Chassis

Power supply

Peripheral

MPC-6050A

5U Height Full Function 14-slot Industrial PC Chassis

Complete Function in 5U Chassis with Adjustable View Angle



Specifications

- ◆ 5U Height 19" RACK-mount chassis
- ◆ Adjustable panel view, monitor can be tilted for best viewing angle
- ◆ Front panel locking door system protects disk access, On/Off power and reset switch, OSD control key and two USB ports
- ◆ LCD monitor Module:
 - 10.4" TFT LCD
 - Resolution: 800x600
 - Brightness: 250cd/m²
 - Color : 262K (R.G.B 6bit)
 - MTBF: 50,000hrs
 - Backlight MTBF: 25,000hrs
- ◆ Driver bays: Two 3.5" drive bay , Two 5.25" Drive bay
- ◆ Cooling Fans: Two 8cm cooling fan with filter
- ◆ Support standard ATX form factor PC motherboard
- ◆ Standard Power Supply:
 - ACE-832A 300W ATX Power Supply
 - ACE-R30A 300W Redundant ATX Power Supply
- ◆ Optional Power supply: PS/2 Size AT/ATX Power Supply
 - ACE-940/93X/92X/916V series
 - ACE-828/832/84X/850 series
 - ACE-R30 series
- ◆ Supports Backplane: 14-slot
 - BP-14S, BP-14SD, BP-14SD2, PCI-13SD, PCI14S, PCI-14S2, PCI-14S3, PX-14S2, PX-14S3, PX14S5, IP-13SD, IP-14S, IP-14S3, IPX-13S, PCIAGP-13S2, PCIAGP-3S3, PXAGP-12S2, PXAGP-13S, PXAGP-13S3
- ◆ Optional KM-088 keyboard/Touch Pad Drawer Support 88keys and PS/2 interface Touch Pad
- ◆ Optional AMT 10.4" resistive type touch screen with RS-232 interface
- ◆ Optional Slide 24" or 30"
- ◆ Operating temperature : 0°C~50°C
- ◆ Vibration: 5~17Hz, 0.1"double amplitude displacement
17~640 Hz, 1.5G acceleration part to part
- ◆ Shock: 10G acceleration peak to peak (11ms)
- ◆ Color: White(PANTONE 413C)
- ◆ Dimensions : 431mm(W) x 220mm(H) x 494mm(D)

IEI Option

- **KM-088**-☐ 88Keys and touch pad module
- ☐ **L**: Language code EN: English JP: Japanese DE: German FR: French IT: Italian
- **SLIDE-24** 24" RACK-mount slide
- **EXTENDER-6** 6" extender 18" or 24" slide

page 5-2

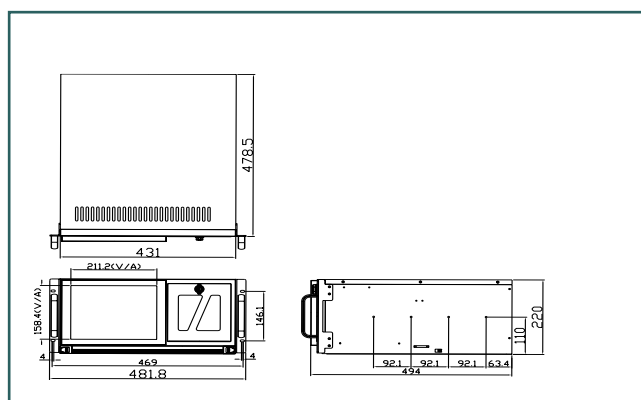


Adjustable view angle, monitor can be tilted for best viewing angle

Main Feature

- 10.4" High Brightness TFT LCD
- Complete function in a 5U chassis
- LCD module viewing angle adjustable

Dimensions:



Ordering Information

MPC-6050AW	Power Supply	Touch Screen
ATX: ATX MB R: Redundant	ACE-832A ACE-R30A	T-R104C

MPC-508/508H

8.4" TFT LCD Portable Medical Panel PC

Best Portable Medical System Solution !!



MPC-508



MPC-508H

Specifications

- ◆ Heavy duty steel made chassis for harsh environment
- ◆ 7-slot full size medical panel PC (MPC-508)
- ◆ 6-slot half size medical panel PC (MPC-508H)
- ◆ Front panel support OSD (On Screen Display) function
- ◆ 8.4" TFT LCD Display Module with OSD function
 - Display type : TFT
 - Resolution : 800 x 600
 - Support color : 262K color (18bit)
 - Brightness : 250cd/m²
 - Pixel Pitch : 0.213(H) x 0.213(W)
 - Viewing Angle : 80°(Horizontal) , 40°(Vertical)
 - LCD MTBF: 50,000 hrs
 - Backlight MTBF: 25,000 hrs
- ◆ Drive Bays:
 - 1x3.5" HDD , 1x3.5" FDD , 1xslim type CD-ROM (MPC-508)
 - 2x3.5" HDD , 1x3.5" FDD , 1xslim type CD-ROM (MPC-508H)
- ◆ Removable filter (MPC-508H)
- ◆ Front panel with membrane programmable function key (MPC-508H)
- ◆ Front panel equipped with two USB ports
- ◆ Optional Backplane :
 - MPC-508: PCIAGP-6S(R), PCI-7S, IP-7SA
 - MPC-508H: IP-6SA
- ◆ Power Supply : Standard equipped with ACE-818APM 180W ATX medical Power Supply with PFC function
- ◆ Vibration : 5~17Hz, 0.1"double amplitude displacement
17~640 Hz, 1.5G acceleration peak to peak
- ◆ Shock : 10G acceleration part to part (11ms)
- ◆ Operating temperature : 0~50°C
- ◆ Color : White (PANTONE 413 C)
- ◆ Dimension : 254mm(W) x 170mm(H) x 400mm(D) (MPC-508)
254mm(W) x 235mm(H) x 286mm(D) (MPC-508H)

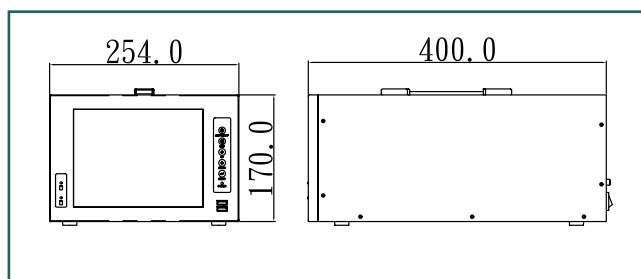
IEI Option

- **T-R084B**
8.4" 3M Resistive touch screen

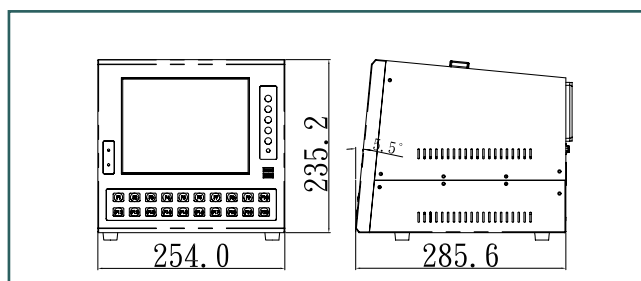
Main Feature

- Extremely convenient for field service
- Powerful and easy-to-use platform
- Rugged housing design
- Front panel with two USB ports, OSD Function
- Front panel equipped with 20 function keys (MPC-508H)
- Removable filter (MPC-508H)

Dimensions: MPC-508



Dimensions: MPC-508H



Ordering Information

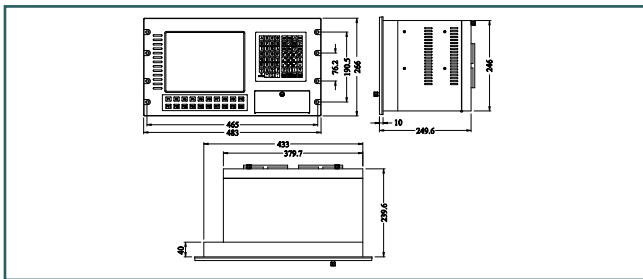
- **MPC-508W/ACE-818APM**
8.4" TFT LCD 7-slot Full size Portable Medical Panel PC
- **MPC-508HW/ACE-818APM**
8.4" TFT LCD 6-slot Half size Portable Medical Panel PC

WS-612A

10.4" TFT LCD 8-Slot Industrial Workstation



Dimensions



Specifications

- ◆ 19" Rack mount 6U height industrial workstations
- ◆ Aluminum front panel
- ◆ 10.4" TFT LCD Display module with OSD function
 - Resolution: 800 x 600
 - Brightness: 250 cd/m²
 - LCD MTBF: 50,000hrs
 - Backlight MTBF: 25,000hrs
 - Interface: Analog VGA input with OSD (on screen display)
- ◆ Membrane Keypad: 63 keys & 20 function keys
- ◆ Drive bays: One FDD and one 3.5" HDD drive bay
- ◆ Supports ACE-723 series power supply
- ◆ Front panel support one USB connector
- ◆ Supports backplane: BP-8S, PCI-7S, IP-7S, PCIAGP-6S
- ◆ Equipped with two 12cm cooling fans
- ◆ Optional 3M Micro Touch resistive touch screen with RS-232 interface
- ◆ Operation temperature : 0~50°C
- ◆ Relative Humidity: 5-95%, non-condensing
- ◆ Vibration: 5~17 Hz, 0.1 double amplitude displacement
17~640Hz 1.5G acceleration peak to peak
- ◆ Shock: 10G acceleration peak to peak (11ms)
- ◆ Color: White (PANTONE 413C)
- ◆ Dimensions: 483(W) x 266(H) x 249.6(D) mm
- ◆ Net/GW: 12/16 (kg)

Ordering Information

◆ WS-612AW/ACE-723:

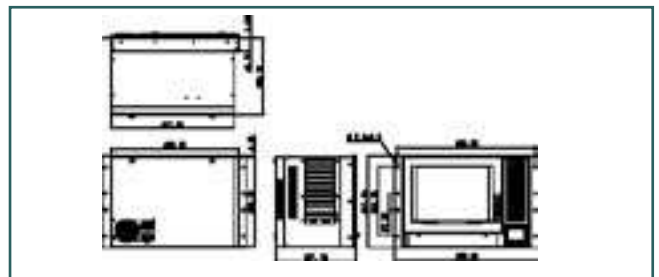
6U 8-Slot TFT LCD workstation with ACE-723A Power supply
Optional: T-R104B 3M Micro Touch Resistive Touch Screen

WS-843A

12.1" TFT LCD 10-Slot Industrial Workstation



Dimensions



Specifications

- ◆ 19" Rackmount, 7U height industrial workstation
- ◆ DM-121 12.1" LCD Module
 - Resolution : 800 x 600
 - Brightness : 250cd/m²
 - Backlight MTBF : 25,000 hours
 - Interface : Analog VGA input with OSD(ON Screen Display) function
- ◆ Membrane Keypad :
 - Keypad : 59 keys include 10 function keys
- ◆ Front door protected area :
 - 1 x 3.5" FDD
 - 1 x 5.25" CD-ROM
 - System power switch
 - One USB port
- ◆ Drive Bays :
 - 1 x 3.5" FDD
 - 1 x 5.25" CD-ROM
 - 1 x 3.5" HDD
- ◆ Built-in PS/2 interface touch pad on front panel
- ◆ One 12cm ball bearing cooling fan with filter
- ◆ Designed with an anti-vibration card clamp that keeps the system stable
- ◆ Optional Backplane :
 - BP-10S/ 10SD, PCI-10S/ 10S2, PX-10S, IP-10S/ 10S2, PCIAGP-9S2, PXAGP-9S
- ◆ ACE-832AP 300W ATX power supply with PFC function
- ◆ Optional power supply: PS/2 size AT/ATX PSU
- ◆ Optional 3M resistive type touch screen with RS-232 interface
- ◆ Operating temperature : 0~ 50°C
- ◆ Relative Humidity : 5 ~ 85%, non-condensing
- ◆ Vibration: 5~17Hz, 0.1" double amplitude displacement
17~640Hz, 1.5G acceleration peak to peak
- ◆ Shock :10G acceleration peak to peak (11ms)
- ◆ Colors : White (PANTONE 413C)
- ◆ Dimension : 483(W) x 310(H) x 266(D)mm
- ◆ Net/GW: 14/18 (kg)

Ordering Information

◆ WS-843AW-R2/ACE-832AP

7U 10 slot 12.1" TFT LCD workstation with ACE-832AP 300W ATX with PFC power supply

Option: T-R121B 3M Micro Touch Resistive touch screen

WS-855A

15" TFT LCD 10-Slot Industrial Workstation

Analog VGA Input



OSD(On Screen Display)

Touch Pad with two buttons



The smart design makes maintenance a much easier job.

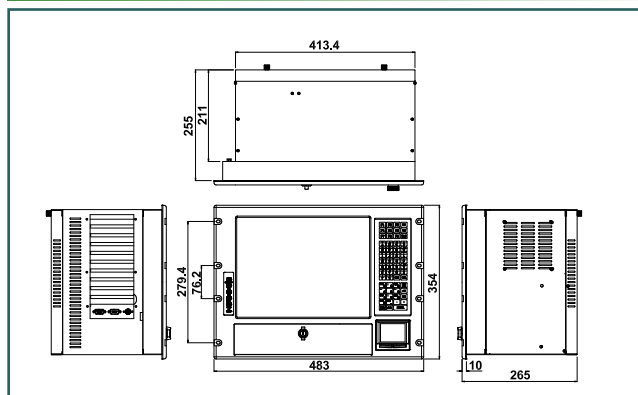
Specifications

- ◆ 19" Rack mount, 8U height industrial workstation
- ◆ Aluminum front panel
- ◆ 15" TFT LCD Display Module with OSD function
 - Resolution: 1024x768
 - Brightness: 250 cd/m²
 - LCD MTBF: 50000hrs
 - Backlight MTBF: 30000hrs
 - Interface: Analog VGA input with OSD (on screen display)
- ◆ Membrane Keypad (59 keys) and Touch Pad (with two buttons)
- ◆ Drive Bays: 5.25" CDROM x 1, Internal 3.5"HDD x 1, 3.5" FDD x 1
- ◆ Front panel support one USB, one PS/2 connector and power switch
- ◆ Equipped with ACE-832AP 300W ATX with PFC Power Supply
- ◆ Backplane: 10-Slot full size, PCI-10S, IP-10S, PCI-10S2, PCIAGP-9S2, PXAGP-9S
- ◆ One 12cm ball bearing cooling fan with filter
- ◆ Optional touch screen with RS-232 interface
- ◆ Operation temperature: 0-50°C
- ◆ Relative Humidity: 5-95%, non-condensing.
- ◆ Vibration: 5~17 Hz, 0.1" double amplitude displacement
17~640 Hz, 1.5G acceleration peak to peak.
- ◆ Shock: 10G acceleration peak to peak. (11ms)
- ◆ Color: White (PANTONE 413C)
- ◆ Dimension: 483(W) x 354(H) x 265(D) mm
- ◆ Net/GW: 16/20 (kg)

IEI Option

- **T-C151**
3M Micro Touch Capacitive touch screen
- **T-R151B**
3M Micro Touch Resistive touch screen

Dimensions:



Ordering Information

● WS-855AW-R2/ACE-832AP

8U 10-slot 15" TFT LCD workstation with ACE-832AP 300W ATX with PFC power supply

Single Board Computer

LCD Product Series

Panel PC

Workstation

Rack-Console

Display

LCD-Kit

Touch Screen

Chassis

Power supply

Peripheral

MPC-50A/52A/55A/57A

10.4" / 12.1" / 15" / 17"
Industrial Panel PC

Analog VGA Input

Analog VGA input with OSD function!



MPC-52A
Support Half size SBC



Removable 3.5" HDD Drive
Bay for MPC-55A/ 57A



MPC-55A/57A
Support Full size SBC

PS/2 Type PSU



MPC-50A
Support Half size SBC
The smart design makes
maintenance a much easier job

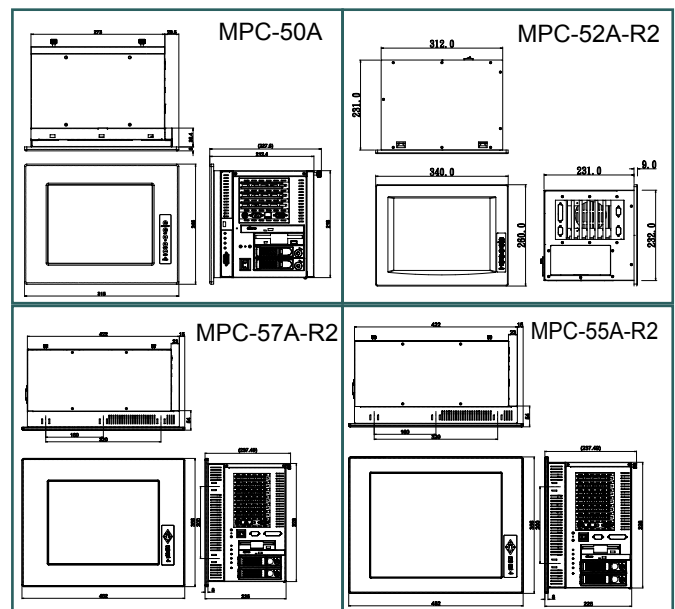
• Specifications

- ◆ Front panel meets IP65 standard

Products	MPC-50A	MPC-52A-R2	MPC-55A-R2	MPC-57A-R2
Front Panel	Plastic	Plastic	Aluminum	Aluminum
Display Type	10.4" TFT LCD	12.1" TFT LCD	15" TFT LCD	17" TFT LCD
Brightness	260 cd/m ²	250 cd/m ²	250 cd/m ²	260 cd/m ²
Max. Resolution	800 x 600	800 x 600	1024 x 768	1280 x 1024
HDD	2 x 3.5" internal	1 x 3.5" internal	2 x 3.5" removable for IDE	
FDD	1 x 3.5"	1 x 3.5"	1 x 3.5"	
CD-ROM	1 x slim type	1 x 5.25"	1 x slim type	
Slot	4 (for half size card only)	6 (for half size card only)	7 (Full-size card available)	
Cooling Fan	1 x 8cm ball bearing cooling fan		1 x 12cm ball bearing cooling fan	
Power Supply	ACE-816AP / 916AP		ACE-832AP	
Optional Backplane	BP-4S, IP-4S, IP-4S2, IP-4S3, IP-4SA	IP-6S, BP-6S, IP-6SA	PCI-7S, IP-7S, PCIAGP-6S(R)	

- ◆ Optional 3M resistive and capacitive type touch screen with RS-232 interface
- ◆ Operating temperature : 0°C ~ 50°C
- ◆ Vibration: 5~17Hz, 0.1" double amplitude displacement
17~640 Hz, 1.5G acceleration peak to peak
- ◆ Shock: 10G acceleration peak to peak (11ms)
- ◆ Color: White (PANTONE 413C)

• Dimensions:



• Ordering Information

10.4" / 12.1" / 15" / 17" TFT LCD Industrial Panel PC

MODEL	Power Supply	Touch Screen
MPC-50AW	ACE-816AP	T-R104B
MPC-52AW-R2	ACE-916AP	T-R121B
MPC-55AW-AL-R2	ACE-832AP	T-R151B T-C151
MPC-57AW-AL-R2		T-R170B T-C170B

LCD RACK Console Products Selection Guide



Single
Board
Computer

LCD
Product
Series

Panel PC

Workstation

Rack-Console

Display

LCD-Kit

Touch Screen

Chassis

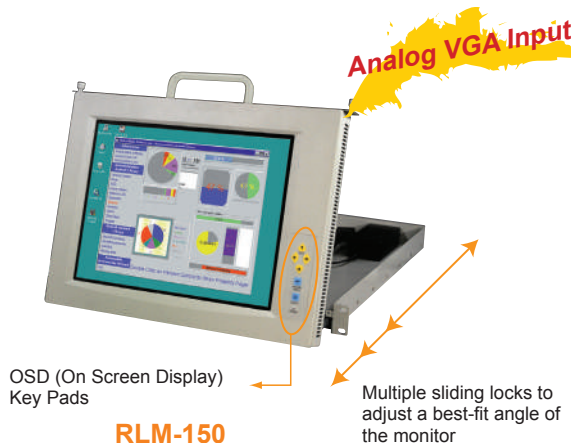
Power
supply

Peripheral

	RACK mount LCD Monitor	RACK Console	RACK Console	RACK Console	RACK Console
Model	RLM-150-R20	LKM-926A	LKM-9268A	LKM-935	LKM-9358
LCD Size	15"TFT	15"TFT	15"TFT	15"TFT	15"TFT
Panel type	CMO-M150X2-T05	Toshiba-LTM15C423S	Toshiba-LTM15C423S	Toshiba-LTM15C423S	Toshiba-LTM15C423S
LCD Interface	Analog VGA Input	Analog VGA Input	Analog VGA Input	Analog VGA Input	Analog VGA Input
Max. Resolution	1024x768	1024x768	1024x768	1024x768	1024x768
Brightness	350 cd/m ²	200 cd/m ²	200 cd/m ²	200 cd/m ²	200 cd/m ²
LCD Color	262K	262K	262K	262K	262K
Pixel Pitch	0.297x0.297mm	0.297x0.297mm	0.297x0.297mm	0.297x0.297mm	0.297x0.297mm
Contrast ratio	400:1 (Typ.)	250:1 (Typ.)	250:1 (Typ.)	250:1 (Typ.)	250:1 (Typ.)
View angle (H)x(V)	160(H)x160(V)	120(H)x90(V)	120(H)x90(V)	120(H)x90(V)	120(H)x90(V)
LCD MTBF	50,000hrs	50,000hrs	50,000hrs	50,000hrs	50,000hrs
Backlight MTBF	25,000hrs	25,000hrs	25,000hrs	25,000hrs	25,000hrs
Construction Front panel	Plastic	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel
Construction Chassis	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel
Console Ports	1	1	8	1	8
OSD Control key	YES	YES	YES	YES	YES
Touch pad	N/A	YES	YES	YES	YES
Keyboard	N/A	88Key	88Key	88Key	88Key
Audio	N/A	1W	1W	1W	1W
KVMA Switch	N/A	YES	YES	YES	YES
Power Adapter	45W	45W	45W	45W	45W
Color	White / Black	White / Black	White / Black	White / Black	White / Black
Height	1U	1U	1U	1U	1U
Dimension (WxDxH mm)	431x520x44	431x525x44	431x525x44	431x536x44	431x536x44
Operation Temperature	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C
Option					
Touch Screen	T-R151B (15.1" Resistive type)	N/A	N/A	N/A	N/A
Power Supply	N/A	24V DC Input 48V DC Input	24V DC Input 48V DC Input	24V DC Input 48V DC Input	24V DC Input 48V DC Input

RLM-150

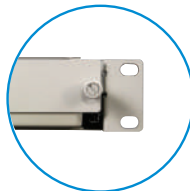
15" Foldable 1U Height
Rack-mounting LCD Monitor



RLM-150 is intelligently designed with its foldable 1U height rack-mounting feature, which minimizes space utilization of server racks. The two self-clinching locks stabilize the monitor position and prevent it from sliding out in all circumstances.

The equipped analog VGA input function of RLM-150 enables an easy use of LCD panel without the need to concern about the VGA card type. Its high level of compatibility ensures a stable and quality performance with almost all sorts of computers, workstation and servers.

2 self-clinching locks to stabilize
the monitor position



Specifications

- ◆ 1U Height designed to save rack space
- ◆ Plastic front panel
- ◆ Material : Heavy-duty steel
- ◆ The front panel of RLM-150 has two self-clinchings with lock
- ◆ 15" high brightness TFT LCD
Resolution : 1024x768 XGA
Brightness : 350cd/m²
LCD MTBF : 50,000 hrs
Backlight MTBF : 30,000 hrs
Panel color : 262K display color
Viewing angle : 160°(Horizontal) x 160°(Vertical)
Pixel Pitch : 0.297(H) x 0.297(W)
Contrast ratio: 400 : 1 typical
- ◆ Front OSD control keys to adjust the best display quality
- ◆ Standard D-sub 15 Pin VGA Input connector
- ◆ Ship with power adapter for 100~240 VAC input
- ◆ Optional resistive type touch screen with RS-232 interface
- ◆ Color : White(PANTONE 413C) , Black (PANTONE Black)
- ◆ Storage temperature : -20~60°C
- ◆ Operating temperature : 0~50°C
- ◆ Vibration : 5~17Hz, 0.1" double amplitude displacement
17~640 Hz, 1.5G acceleration peak to peak
- ◆ Shock : 10G acceleration peak to peak (11ms)
- ◆ Relative Humidity : 5~95% , non-condensing
- ◆ Depth : 520 mm
- ◆ Net/GW : 9/17(kg)

Ordering Information

- **RLM-150 [C]-R20** 1U Height 15" Foldable LCD Monitor
[C]: Color code W: WHITE B: BLACK
Option : T-R151B 15" 3M resistive touch screen

LKM-926A

15" LCD Monitor/Keyboard/Mouse/
Speaker 4-in-1 1U Height Drawer



Two self-clinchings prevents the
keyboard sliding in shaking

Specifications

- ◆ Only 1U designed to save RACK space
- ◆ The front panel of LKM-926A has two self-clinchings with lock
- ◆ 15" high brightness TFT LCD display
Resolution: 1024 x 768
LCD Color: 262K
Pixel Pitch: 0.297x0.297mm
Brightness: 200 cd/m²
Contrast ratio: 400:1 (Typ.)
LCD MTBF: 50,000 hrs
Backlight: 25,000hrs
- ◆ LKM-926A with 88key slim size keyboard ,
- Supports English, Japanese, German, French and Italian Language
- ◆ Touchpad with two key buttons
- Microsoft Mouse compatible with PS/2 mouse interface
- ◆ Accepts audio input and built-in two speakers
- ◆ Built-in OSD for user adjustment , including H/V position , color ,size, etc
- ◆ Power Supply:
Built-in universal AC input adapter
ACE-802T, 36VDC~72VDC input, 12V@2A output
ACE-802C, 20VDC~30VDC input, 12V@2A output
- ◆ Depth: 525mm
- ◆ Operating temperature: 0~ 50°C
- ◆ Net/GW (kg): 11.2/16.8

LKM-CBXXA



Ordering Information

- **LKM-926A [C]-[L]:**
Single Input 15" LCD/Keyboard/Mouse/Speaker 1U drawer
includes 1.1M length cable set.AC Input
- **LKM-926A [C]T-[L]:**
Single Input 15" LCD/Keyboard/Mouse/Speaker 1U drawer
includes 1.1M length cable set. 48VDC input
- **LKM-926A [C]-24V-[L]:**
Single Input 15" LCD/Keyboard/Mouse/Speaker 1U drawer
includes 1.1M length cable set. 24VDC input
- [C] Color Code B: Black W: White
- [L] Language Code
EN:English, JP:Japanese, DE:German, FR:French, IT:Italian

Option:

- **LKM-CB18A** 1.8M cable set, includes VGA, Keyboard, Mouse & Audio cable
- **LKM-CB30A** 3.0M cable set, includes VGA, Keyboard, Mouse & Audio cable
- **LKM-CB50A** 5.0M cable set, includes VGA, Keyboard, Mouse & Audio cable

LKM-935/9358

15"LCD 5-in-1 1U Height Drawer with Individual Monitor and Keyboard module

Individual for LCD Display and Keyboard!
Five functions: LCD monitor, keyboard, mouse, speaker and KVMA switch

**Coming
Soon**



Individual for LCD display and keyboard module



Two self-click prevents the keyboard from sliding in shaking



No special cables required, up to 8 computers connection!



LKM-CBXXA

LKM-935/9358

LKM-935/9358 Space saving measure for standard 19" rack-mount application has been maximized. The all-in-one 1U product from IEI supports one 15" LCD screen, touch pad, speakers and keyboard. Traditional LKM products require that the LCD monitor and keyboard be either both retracted or both exposed. The new and improved LKM-935/ 9358 allows user to operate the keyboard and LCD monitor separately. When the keyboard is not in use, the user can retract the keyboard alone, leaving the LCD display exposed for continued monitoring, yet saved valuable space for the user.

• Specifications

- ◆ 1U Height designed to save rack space
- ◆ Individual Monitor and Keyboard module
- ◆ 15" high brightness TFT LCD display
 - Display type : XGA TFT
 - Resolution : 1024x768
 - Support color : 262k color
 - Brightness : 200cd/m²
 - Contrast Ratio : 250:1(Typ)
 - Pixel Pitch : 0.297(H)x0.297(W)
 - Viewing Angle : 120°(Horizontal) , 90°(Vertical)
 - LCD MTBF : 50,000 hrs
 - Backlight MTBF: 25,000 hrs
- ◆ 88key with slim size keyboard , supports English Japanese German French Italian version keyboard
- ◆ Touch pad with two key buttons
- ◆ Accept audio input and built-in two speakers
- ◆ The front panel shall include two captives screws in the lock
- ◆ Built-in OSD for user adjustment , including , H/V position , color ,size,...etc
- ◆ Power Supply
 - Built-in universal AC Input 46W adapter
 - ACE-802T , 36VDC~72VDC input 12V@2A output
 - ACE-802C , 20VDC~30VDC input 12V@2A output
- ◆ Depth:536mm
- ◆ Operating Temperature :0~50°C

Main Features

- ◆ Outstanding LCD module: channel change control, auto scan control, editable station name.
- ◆ KVMA switch: 8 port KVMA switch can be manually or auto-metrically set via LCD module
- ◆ Standard support of English version keyboard, Option Japanese, German, French, Italian version keyboard support
- ◆ Embedded within speaker specified on alarm warning notice or audio application
- ◆ Hot-pluggable-Add or remove computers without having to power down the switch
- ◆ Individual Monitor and Keyboard module

• Ordering Information

- **LKM-935 [C]-[L]**
Single Input 15.1" LCD/Keyboard/Mouse/Speaker 1U drawer AC Input with individual Monitor and Keyboard module
 - **LKM-935 [C]T-[L]**
Single input 15.1" LCD/Keyboard/Mouse/Speaker 1U drawer 48VDC Input with individual Monitor and Keyboard module
 - **LKM-935 [C]-24V-[L]**
Single input 15.1" LCD/Keyboard/Mouse/Speaker 1U drawer 24VDC Input with individual Monitor and Keyboard module
 - **LKM-9358 [C]-[L]**
8 input 15.1" LCD/Keyboard/Mouse/Speaker 1U drawer AC Input with individual Monitor and Keyboard module
 - **LKM-9358 [C]T-[L]**
8 input 15.1" LCD/Keyboard/Mouse/Speaker 1U drawer 48VDC Input with individual Monitor and Keyboard module
 - **LKM-9358 [C]-24V-[L]**
8 input 15.1" LCD/Keyboard/Mouse/Speaker 1U drawer 24VDC Input with individual Monitor and Keyboard module
- [C] : Color Code B: Black W: White
 [L] : Language Code EN: English JP: Japanese DE: German FR: French IT: Italian

• IEI Option

- **KVM-008B** Extend KVMA Box for LKM-9268A
- **LKM-CB18A** 1.8M cable set; includes VGA, Keyboard, Mouse and Audio cable.
- **LKM-CB30A** 3.0M cable set; includes VGA, Keyboard, Mouse and Audio cable.
- **LKM-CB50A** 5.0M cable set; includes VGA, Keyboard, Mouse and Audio cable.

LKM-9268A

15" LCD Monitor/Keyboard/Mouse/Speak/
KVMA switch 5-in-1 1U Height Drawer

*No special cables required to connect up to 8 computers!
Five functions: LCD monitor, keyboard, mouse, speaker and KVMA switch*



LKM-9268A

Two self-click
prevents the keyboard
from sliding in shaking



KVM-008B

Extend KVMA Box for LKM-9268A

SPECIFICATIONS

- ◆ Support Daisy Chain function with LKM-9268A
- ◆ 1U design with Rackmount kit
- ◆ Color: Black (PANTONE BLACK C)



No special cables required, up to
8 computers connection!



Outstanding LCD Module
· Display station number
· Auto scan or user manually selected
setting

DAISY CHAIN TECHNOLOGY



◆ Specifications

- ◆ 1U Height designed to save RACK space
- ◆ 15" TFT Color LCD display
 - Resolution: 1024 x 768
 - Brightness: 200 cd/m²
 - LCD MTBF: 50000 hrs
- ◆ 88 standard keys with slim size keyboard, supports English, Japanese, German, French, Italian keyboard
- ◆ Touch pad with two key buttons
- ◆ Alarm / Audio function available via two internal speakers (1W, with audio on/off switch)
- ◆ Built-in OSD (On Screen Display) for user adjustments, including H/V position, Color, Size, ...etc
- ◆ The front panel of LKM-9268A has to self-clickings with lock
- ◆ Power Supply:
 - Built-in universal AC input adapter, 100VAC ~ 240VAC input, 12V@3.8A output
 - ACE-802T, 36VDC ~ 72VDC input, 12V@2A output
 - ACE-802C, 20VDC ~ 30VDC input, 12V@2A output
- ◆ Color: Standard color are Black (PANTONE Black C) or White (PANTONE 413C)
- ◆ Vibration: 5~17Hz, 0.1" double amplitude displacement
17~640Hz, 1.5G acceleration peak to peak
- ◆ Shock: 10G acceleration peak to peak (11ms)
- ◆ Depth: 525 mm
- ◆ Operation temperature: 0~50°C
- ◆ Relative Humidity: 5-95%, non-condensing



LKM-CBXXA

Main Features

- ◆ Outstanding LCD Module : Channel change control, auto scan control, programmable station name.
- ◆ Supports Daisy Chain Function
- ◆ KVMA Switch :8 port KVMA switch can be manually or automatically set via LCD module
- ◆ Standard support of English version keyboard. Optional Japanese, German, French, Italian version keyboard support.
- ◆ Embedded speaker can support alarm warning notice or audio application
- ◆ Hot Pluggable - Add or remove computers without having to power down the switch

You can control and access multiple computers from a central user console instead of moving from one to another.

It saves hundreds of dollars in equipment, space, and power costs. There is no need to have additional peripherals for each computer. Installation is as simple as connecting cables between the LKM-9268 switch and your computers.

This is ideal for an Internet data center, server room, testing lab, and network-operating center where multiple computers are required.

◆ Ordering Information

- LKM-9268A ☐ - ☐ 8 input 15" LCD/Keyboard/Mouse/Speaker 1U drawer, AC input
- LKM-9268AT ☐ - ☐ 8 input 15" LCD/Keyboard/Mouse/Speaker 1U drawer, 48VDC input
- LKM-9268A ☐ - 24V - ☐ 8 input 15" LCD/Keyboard/Mouse/Speaker 1U drawer, 24VDC input
- ☐ : Color Code B: Black W: White
- ☐ : Language Code
- EN: English JP: Japanese DE: German FR: French IT: Italian

Option:

- KVM-008B Extend KVMA Box for LKM-9268A
- LKM-CB18A 1.8M cable set; includes VGA, Keyboard, Mouse and Audio cable.
- LKM-CB30A 3.0M cable set; includes VGA, Keyboard, Mouse and Audio cable.
- LKM-CB50A 5.0M cable set; includes VGA, Keyboard, Mouse and Audio cable.

LCD Monitor Products Selection Guide



	LCD Monitor	LCD Monitor	LCD Monitor	LCD Monitor	LCD Monitor	LCD Monitor	Sun Readable Monitor	Sun Readable Monitor	Sun Readable Monitor
Model	DM-64T	DM-84T	DM-104-R20	DM-121-R30(*1)	DM-150-R2 (*1)	DM-170-R2 (*1)	SRM-121A	SRM-150A	SRM-170A-R2
LCD Size	6.4" TFT	8.4" TFT	10.4" TFT	12.1" TFT	15" TFT	17" TFT	12.1" TFT	15" TFT	17" TFT
Panel type	PRIME VIEW-V16C6448AC	AUO-G104SN03	AUO-G104SN03	Toshiba-LTD121C30S	AUO-M150XN05	AUO-M170EN05	LiteMax-SP1201	LiteMax-LF1548	LiteMax-SM1745
LCD Interface	Analog VGA Input	Analog VGA Input	Analog VGA Input	Analog VGA Input	Analog VGA Input	Analog VGA Input	Analog VGA Input	Analog VGA Input	Analog VGA Input
Max. Resolution	640x480	640x480	800x600	800X600	1024x768	1280x1024	800X600	1024x768	1280x1024
Brightness	300 cd/m ²	250 cd/m ²	230 cd/m ²	350 cd/m ²	250 cd/m ²	260 cd/m ²	1308 cd/m ²	1700 cd/m ²	1000 cd/m ²
LCD Color	262K	262K	262K	262K	262K	16.7M	262K	262K	16.7M
Pixel Pitch	0.203 x 0.203mm	0.213 x 0.213mm	0.264 x 0.264mm	0.3075 x 0.3075mm	0.297 x 0.297mm	0.264 x 0.264mm	0.3075 x 0.3075mm	0.297 x 0.297mm	0.264 x 0.264mm
Contrast ratio	120:1 (Typ.)	200:1 (Typ.)	250:1 (Typ.)	250:1 (Typ.)	400:1 (Typ.)	450:1 (Typ.)	200:1 (Typ.)	400:1 (Typ.)	450:1 (Typ.)
View angle (H)x(V)	170(H) x 30(V)	80(H) x 40(V)	90(H) x 50(V)	120(H) x 90(V)	160(H) x 120(V)	160(H) x 160(V)	150(H) x 160(V)	160(H) x 120(V)	140(H) x 140(V)
LCD MTBF	50,000hrs	50,000hrs	50,000hrs	50,000hrs	50,000hrs	50,000hrs	50,000hrs	50,000hrs	50,000hrs
Backlight MTBF	20,000hrs	25,000hrs	25,000hrs	25,000hrs	25,000hrs	25,000hrs	25,000hrs	25,000hrs	25,000hrs
Construction Front panel	Plastic	Heavy-duty steel	Plastic	Plastic/Aluminum	Plastic/Aluminum	Plastic/Aluminum	Metal/Aluminum	Plastic/Aluminum	Plastic/Aluminum
Construction Chassis	Aluminum	Heavy-duty steel	Heavy-duty steel	Aluminum	Aluminum	Aluminum	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel
OSD Control key	YES	YES	YES	YES	YES	YES	YES	YES	YES
Power Adapter	N/A	N/A	45W	45W	45W	60W	60W	80W	80W
Mounting	Panel mount	Panel mount	Wall/Panel/RACK/ARM/STAND mount	Wall/Panel/RACK/ARM/STAND mount	Wall/Panel/RACK/ARM/STAND mount	Wall/Panel/RACK/ARM/STAND mount	Wall/Panel/RACK/ARM/STAND mount	Wall/Panel/RACK/ARM/STAND mount	Wall/Panel/RACK/ARM/STAND mount
Color	Dark Blue	Dark Blue	White (*3)	White (*3)	White (*3)	White (*3)	White	White	White
Dimension (WxDxH mm)	203x70x139	229x75x172	312x55x242	340x53x260	410x56x309	452x61x356	340x66x260	410x65x309	452x81x356
Operation Temperature	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~40°C	0~40°C	0~40°C
Front panel protection	N/A	N/A	meets IP-65	meets IP-65	meets IP-65	meets IP-65	meets IP-65	meets IP-65	meets IP-65
Option									
Touch Screen	T-R064B (6.4" Resistive type)	T-R084B (8.4" Resistive type)	T-R104B (10.4" Resistive type)	T-R121B (12.1" Resistive type) T-C121 (12.1" Capacitive type) (*2)	T-R151B (15.1" Resistive type) T-C151 (15.1" Capacitive type) (*2)	T-R170B (17" Resistive type)	T-R121B (12.1" Resistive type) T-C121 (12.1" Capacitive type)	T-R151B (15.1" Resistive type) T-C151 (15.1" Capacitive type)	T-170B (17" Resistive type)

(*1) R2 Version change LCD module

(*2) Capacitive type touch screen, provided with aluminum made front panel only

(*3) For other colors of front panel and chassis, please contact supplier

* Capacitive type touch screen, provided with aluminum made front panel only

* For other colors of front panel and chassis, please contact supplier

Single Board Computer

LCD Product Series

Panel PC

Workstation

Rack-Console

Display

LCD-Kit

Touch Screen

Chassis

Power supply

Peripheral

LCD Display Kit Products Selection Guide



	LCD Monitor Kits	LCD Monitor Kits	LCD Monitor Kits	LCD Monitor Kits	LCD Monitor Kits
Model	LCD-KIT01-R2/ LCD-KIT01A-R2	LCD-KIT03/ LCD-KIT03A	LCD-KIT05-TS/ LCD-KIT05A-TS	LCD-KIT07A-AU	LCD-KIT11A
LCD Size	6.4"TFT	10.4"TFT	12.1" TFT	15"TFT	17"TFT
Panel type	PRIME VIEW- V16C6448AC	Toshiba-LTM10C209H	Toshiba-LTM12C275C	AUO-M150XN05	AUO-M170EN05
LCD Interface	44Pin TTL Interface/ Analog VGA Input	44Pin TTL Interface / Analog VGA Input	44Pin TTL Interface / Analog VGA Input	Analog VGA Input	Analog VGA Input
Max. Resolution	640x480	640x480	800x600	1024x768	1280x1024
Brightness	300 cd/m ²	350 cd/m ²	250 cd/m ²	250 cd/m ²	260 cd/m ²
LCD Color	262K	256K	262K	262K	16.7M
Pixel Pitch	0.203 x 0.203mm	0.33 x 0.33mm	0.3075 x 0.3075mm	0.297 x 0.297mm	0.264 x 0.264mm
Contrast ratio	120:1 (Typ.)	250:1 (Typ.)	250:1 (Typ.)	400:1 (Typ.)	450:1 (Typ.)
View angle (H)x(V)	170(H) x 30(V)	100(H) x 40(V)	110(H) x 90(V)	160(H) x 120(V)	160(H) x 160(V)
LCD MTBF	50,000hrs	50,000hrs	50,000hrs	50,000hrs	50,000hrs
Backlight MTBF	20,000hrs	25,000hrs	25,000hrs	25,000hrs	25,000hrs
Construction Chassis	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel
Power Adapter	N/A / 45W	N/A / 45W	N/A / 45W	45W	60W
Mounting	Panel mount	Panel mount	Panel mount	Panel/ARM/STAND mount	Panel/ARM/STAND mount
Dimension (WxDxH mm)	192x35x131	270x58x209	295x25x241	364x41x263	377x52x300
Operation Temperature	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C

* For analog interface LCD Kits, OSD control key on rear side

Industrial Monitor DM & SRM Series

10.4", 12.1", 15", 17", LCD Monitor

With the auto-dimming function, the display's brightness will automatically adjust to the light source.

IEI's Sun Readable Monitors with enhanced ultra-high brightness TFT LCD color panels comes in three sizes and with our proprietary direct edge lighting and backlighting techniques. Our Sun Readable Monitors are available from 700 to 1750 units and comes with up to 16.7 million colors. These products are modeled to handle outdoor applications, such as KIOSK, ATMs, and car navigation systems...etc.

Main Features

- ◆ SRM: Sun-Readable Monitor with high luminance
- ◆ Aluminum front panel is available for a harsh environment
- ◆ Plastic front panel provides a light & economical solution.
- ◆ Auto-Dimming function available with aluminum front panel for SRM Series
- ◆ Analog VGA Input



**Aluminum Made Front Panel
meets IP65 standard**

Model		DM-104-R20	DM-121-R230/ SRM-121A	DM-150-R2 / SRM-150A	DM-170-R2 / SRM-170A-R2
Display Area		10.4"	12.1"	15"	17"
Display Type		SVGA TFT	SVGA TFT	XGA TFT	SXGA TFT
Max. Resolution		800 x 600	800 x 600	1024 x 768	1280 x 1024
Luminance (cd/m²)		230	350 (DM-121-R2)	250 (DM-150-R2)	250 (DM-170-R2)
			1308 (SRM-121A)	1750 (SRM-150A)	1000 (SRM-170A-R2)
Color		262K	262K	262K	16.7M
LCD MTBF		50000 hrs	50000 hrs	50000 hrs	50000 hrs
Backlight MTBF		25000 hrs	25000 hrs	25000 hrs	25000 hrs / 25000 hrs
Electronic Items					
VGA Input Interface		DB15	DB15	DB15, DVI-I	DB15, DVI-I
Frequency	Horizontal	60~65 KHz	25~65/50~58 KHz	30~80/55~60 KHz	45~80/55~60 KHz
	Vertical	60~75 Hz	56~75 Hz	60~75/50~75 Hz	60~75/50~75 KHz
Power Input Rating		12VDC	12VDC	12VDC or 24VDC	12VDC or 24VDC
Control Button	Language	English	English	English	English
	Function	OSD Control, Positions	OSD Control, Positions	OSD Control, Positions	OSD Control, Positions
Mechanical Items					
Dimension		312 x 242 x 54.9 mm	340 x 260 x 52.7 mm (DM-121)-R2	410 x 309 x 55.7 mm (DM-150)-R2	452 x 355.5 x 60.8 mm (DM-170)-R2
			340 x 260 x 65.6 mm (SRM-121)	410 x 309 x 65.1 mm (SRM-150)	452 x 355.5 x 80.8 mm (SRM-170-R2)
Construction		Plastic Front Panel	Plasic or Aluminium Front Panel	Plasic or Aluminium Front Panel	Plasic or Aluminium Front Panel
Mounting Configuration		19" Rack-mount, Wall-mount Panel-mount (front), Swivel Arm (VESA 75/100mm)	19" Rack-mount, Wall-mount Panel-mount (front), Swivel Arm (VESA 75/100mm)	19" Rack-mount, Wall-mount Panel-mount (front), Swivel Arm (VESA 75/100mm)	19" Rack-mount, Wall-mount Panel-mount (front), Swivel Arm (VESA 75/100mm)
Weight (NET / GW)		2.5 kg / 5kg	2 kg / 5 kg (DM-121-R2)	4 kg / 8 kg (DM-150-R2)	5 kg / 10 kg (DM-170-R2)
			4 kg / 6 kg (SRM-121A)	5 kg / 8 kg (SRM-150A)	8 kg / 12 kg (SRM-170A-R2)
Environment					
Operating Temperature		0°C ~ 50°C	0°C ~ 50°C (DM-121-R2)	0°C ~ 50°C (DM-150-R2)	0°C ~ 50°C (DM-170-R2)
			0°C ~ 40°C(SRM-121A)	0°C ~ 40°C (SRM-150A)	0°C ~ 40°C (SRM-170A-R2)
Storage Temperature		-20°C ~ 60°C	-20°C~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C
Front Panel Protection		meets IP65	meets IP65	meets IP65	meets IP65
Option					
Video Input Interface		N/A	NA	Composite & S-video	Composite & S-video
Case Color		White (PANTONE-413C)	White (PANTONE 413C)	White (PANTONE 413C)	White (PANTONE 413C)
Touchscreen ARM		T-R104B (Res.)	T-R121B (Res.), T-C121 (Cap.)	T-R151B (Res.), T-C151 (Cap.)	T-R170B (Res.)
		ARM-11	ARM-11	ARM-11	ARM-31
Rackmount kit (Height)		RK-104 (6U)	RK-121 (8U)	RK-150 (8U)	RK-170 (8.5U)

Note: * SRM-121A Metal front panel

* For other color of front panel and chassis, please contact supplier

Single
Board
Computer

LCD
Product
Series

Panel PC

Workstation

Rack-Console

Display

LCD-Kit

Touch Screen

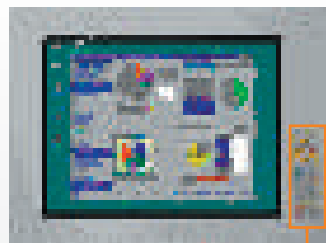
Chassis

Power
supply

Peripheral

10.4", 12.1", 15", 17", LCD Monitor

Analog VGA Input



SRM-150AW



DM-150AW

OSD and Auto Dimming function

OSD (On Screen Display)



● Ordering Information

- **DM-64T** 6.4" TFT LCD 12VDC Input Analog VGA Input
- **DM-84T** 8.4" TFT LCD 12VDC Input Analog VGA Input
- **DM-104W-R20** 10.4" LCD monitor with VGA input, R20
- **DM-121W -  -R30** 12.1" LCD monitor with VGA input
- **DM-150W -  -R2** 15" LCD monitor with VGA and DVI input
- **DM-170W -  -R2** 17" LCD monitor with VGA and DVI inputZ
- **SRM-121AW - ** 12.1" Sun Readable LCD monitor with VGA input
- **SRM-150AW - ** 15" Sun Readable LCD monitor with VGA and DVI input
- **SRM-170AW -  -R2** 17" Sun Readable LCD monitor with VGA and DVI input

M: Front Panel material **AL**: Aluminum **Note**: Plastic

- **ARM-11:** Flat Panel Monitor Arm Loading capacity from 3kg ~ 6kg for various demands
- **ARM-31:** Flat panel Monitor Arm Loading capacity from 7kg~14kg for various demands
- **Rack mount kit:** RK-104,RK-121, RK-150, RK-170
- **STAND-100:** LCD Monitor Stand for 3~8kg
- **Touch Screen:** T-R104B, T-R121B, T-R151B, T-R170B, T-C121, T-C151,

(Capacitive type touch screen is provided with aluminum front panel only)

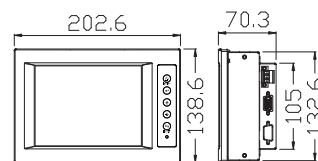
- **CB-DVI-D: DVI-D (M) to DVI -D (M) single link cable**

Note:

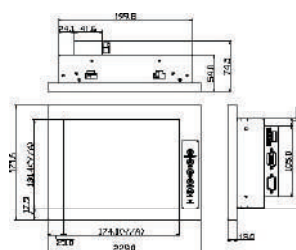
- LCD Measurement Setup: The LCD module should be stabilized at given temperature for 20 minutes to avoid abrupt temperature change during measuring. In order to stabilize the luminance, the measurement should be executed after lighting Backlight for 20 minutes in a windless room.
- 15", 17" Model for video input function, please contact supplier.

- 15", 17" Model for video input function, please contact supplier.

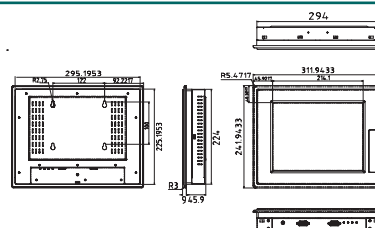
● Dimensions: DM-64T



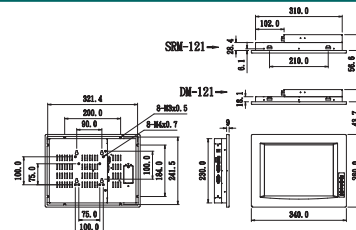
● **Dimensions: DM-84T**



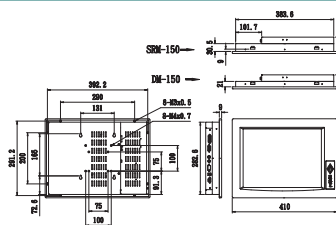
- **Dimensions: DM-104**



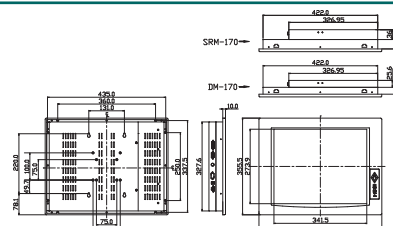
● **Dimensions: DM-121**



● **Dimensions: DM-150**



● **Dimensions: DM-170**



LCD-KIT01/03/05/07/11

6.4"/10.4"/12.1"/15"/17" LCD Kit

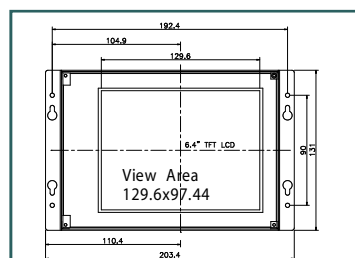
Full-function embedded solutions for integrated application!!



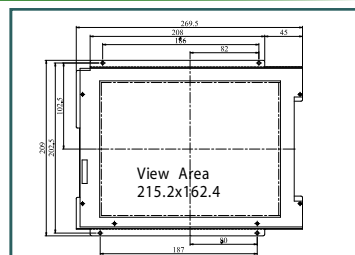
LCD-KIT01-R2/
01A-R2

LCD-KIT03/03A

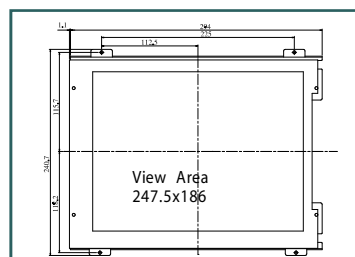
Dimensions: LCD-KIT01-R2/01A-R2



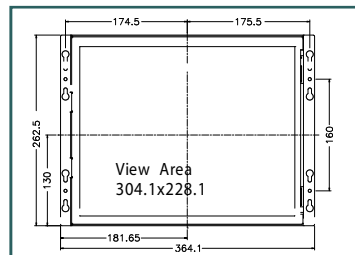
Dimensions: LCD-KIT03/03A



Dimensions: LCD-KIT05-TS/05A-TS



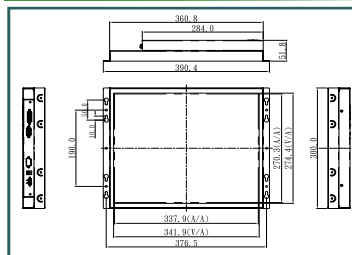
Dimensions: LCD-KIT07A-AU



LCD-KIT05-TS/05A-TS

LCD-KIT07-AU

Dimensions: LCD-KIT11A



LCD-KIT11A



Ship with power adapter



LCD-KITXX series
Ship with LCD cable



LCD-KITXXA series
Ship with VGA cable

Specifications

- ◆ Connects directly to JUKI, NOVA, POS ... series SBC and PLC-655, PLC-508 LCD/CRT VGA card (LCD-KIT01/03/05/07)
- ◆ Standard VGA signal input with convert board (LCD-KIT01A/03A/05A/07A/11A)
- ◆ Shipping with 70cm/44-pin LCD connection cable for LCD-KIT01/03/05

Model	LCD-KIT01-R2/ 01A-R2	LCD-KIT03/ 03A	LCD-KIT05-TS/ 05A-TS	LCD-KIT07A-AU	LCD-KIT11A
LCD Type	6.4" TFT	10.4" TFT	12.1" TFT	15" TFT	17" TFT
Resolution	640 x 480	640 x 480	800 x 600	1024 x 768	1280 x 1024
Max. Colors	18 bits	18 bits	18 bits	18 bits	18 bits
Brightness	300cd/m ²	350cd/m ²	250cd/m ²	250cd/m ²	260cd/m ²
Net/GW (kg)	1/2	(1/2)/(2/3)	2/3	(4/5)	(5/6)
LCD I/F	TTL/VGA	TTL/VGA	TTL/VGA	VGA	VGA

Ordering Information

- LCD-KIT01-R2 6.4" TFT LCD kit with cable
- LCD-KIT01A-R2 VGA input 6.4" TFT LCD kit
- LCD-KIT03 10.4" high brightness TFT LCD kit w/ cable
- LCD-KIT03A VGA input 10.4" high brightness TFT LCD kit
- LCD-KIT05-TS 12.1" TFT LCD kit with cable
- LCD-KIT05A-TS VGA input 12.1" TFT LCD kit
- LCD-KIT07A-AU VGA input 15" TFT LCD kit with cable (AU LCD panel)
- LCD-KIT11A 17" TFT LCD kit with cable

Option Item:

- CB-DVI-D DVI-D (M) to DVI-D (M) single link cable for 15", 17" SRM Kit model

Single
Board
Computer

LCD
Product
Series

Panel PC
Workstation
Rack-Console
Display
LCD-Kit
Touch Screen

Chassis

Power
supply

Peripheral

Touch Screen

6.4" ~ 17" Touch Screen Kit

• Specifications

◆ Resistive Type

Touch	Part No.	IEI Products	Sensor
T-R064B	75200-000017 & 131ETP04SERC-00-000	DM-64T, PPC-5010	AMT
T-R084B	75200-R484HH & 75000- 131ETP04SERC3M84	MPC-508, MPC-508H	3M MicroTouch
T-R104B	75200-000024 & 131ETP08SERC-00-000	S-612A, DM-104 ,MPC-50A	3M MicroTouch
T-R121B	75200-000015 & 131ETP08SERC-00-000	DM-121, SRM-121A, WS-843A, WS-846A, MPC-52A/6022A, SRPC-1210, PPC-1210/1212/5020/5022	3M MicroTouch
T-R151B	75200-000021 & 131ETP08SERC-00-000	DM-150, SRM-150A, WS-855A, SRPC-5050A, PPC-5050/5052/5150, MPC-55A	3M MicroTouch
T-R170B	75200-000031 & 131ETP08SERC17-00- 000	DM-170, SRM-170A, PPC-5070/5170, MPC-57A	3M MicroTouch

◆ Capacitive Type

Touch	Part No.	IEI Products	Sensor/ Control Board
T-C121	75200-000028 & 131EXII1010SC-00-000	DM-121, SRM-121A, WS-843A, WS-846A, MPC-52A/6022A, SRPC-1210, PPC-1210/1212/5020/5022	3M Microtouch
T-C151	75200-000034 & 131EXII1010SC-00-000	DM-150, SRM-150A, WS-855A, SRPC-5050A, PPC-5050/5052/5150, MPC-55A SRM-150, WS-855A	3M Microtouch
T-C170B	75200-000032 & 13114113-00-000	PPC-5070, PPC-5170 MPC-57A	3M Microtouch

3M Touch Systems, created by 3M through strategic acquisitions of two established touch companies - Dynapro and MicroTouch Systems - to be the world's preferred supplier of touch screens and touch display products.

◆ Why 3M MicroTouch capacitive touch screen ?

- Durable, all-glass sensor
- Scratch-resistant
- Impervious to grease, dirt and water
- Shortest touch contact requirement (3ms)
- High resolution, 1024x1024
- High accuracy : 1%
- Touchware drivers for Windows 3.1/95/98/NT/2000, DOS, OS/2
- HomePage : <http://www.3mtouch.com>

◆ Why 3M MicroTouch resistive touch screen ?

- The only touch screen manufacture in North America and Europe sputtering ITO film in-house
- 4-wire and 8-wire touch screen in the product lines
- 5-layer touch screen construction designed
- Chemical strengthened glass as backing panel, 4 times higher than normal ITO glass
- State-of-the-art design for dot spacers
- Strong R&D team to research more new technology touch screens and its material
- Facilities available in Milwaukee of USA and Vancouver of Canada
- HomePage : <http://www.3mtouch.com>



• Ordering Information

● T-R064B

AMT 6.4" resistive type touch screen kit

● T-R084B

3M MicroTouch 8.4" resistive type touch

● T-R104B

3M MicroTouch 10.4" resistive type touch screen kit

● T-R121B

3M MicroTouch 12.1" resistive type touch screen kit

● T-R151B

3M MicroTouch 15.1" resistive type touch screen kit

● T-R170B

3M MicroTouch 17" resistive type touch screen kit

● T-C121

3M MicroTouch 12.1" capacitive type touch screen kit

● T-C151

3M MicroTouch 15.1" capacitive type touch screen kit

● T-C170B

3M MicroTouch 17" capacitive type touch screen kit

Note :

1. Version B resistive type enhances transparency to 75%
2. Please download user manual and driver for Capacitive Touch Screen from: <http://www.ieiworld.com>