

Peripheral



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KM-086

86-key Water-Proof Industrial Keyboard with Pointing Device (Mouse)



IEI's water-proof IP68 industrial keyboard provides perfect options for portable and compact applications.

The KM-086 offers both a rugged keyboard and rugged computer pointing device (Mouse) in one compact package. It boasts a completely sealed and ruggedized construction that allows it to meet IP68 specifications. to protect water and dust. The KM-086's backlighting is available with yellow or red blue and orange LEDs and four levels of backlighting.

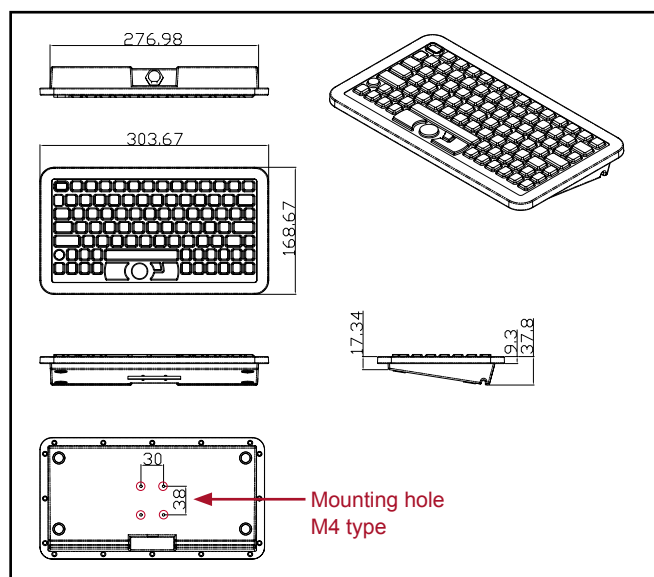


IP68 Certificate

Main Feature

- Industrial silicone rubber keyboard for water and dust proof
- Pointing LED backlight with four levels of backlighting
- Rugged computer pointing device (Mouse)
- Standard PS/2 type keyboard and mouse connectors
- Easy access to the operating system with Microsoft Window keys

Dimensions



CE FC IEC 60529

Specifications

Material	Industrial Silicon Rubber Keyboard/Pointing Device (Mouse) and Plastic Case.
Keyboard	Integrated 86-key keyboard with pointing LED. Support English keyboard.
Pointing LED Backlight	Four levels of backlighting (including off)
Connector	Standard PS/2 type 6-pin Mini-DIN adapter
Operating Temperature	0C° ~ +50C°
Relative Humidity	0% ~ 85%, non-condensing
Vibration	5~17Hz, 0.1"double amplitude displacement 17~640Hz, 1.5G acceleration part to part
Shock	10G acceleration part to part (11ms)
Colors	Black
Dimension	304mm x 169mm x 38mm

Ordering Information

- **KM-086-US**
86key Water-Proof Keyboard with Pointing Device for English language

Peripheral

Keyboard Series

KM-088

88 Key and
Touch Pad Module



Feature

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

Ordering Information

● KM-88 -L

L : Language Code EN: English JP: Japanese DE: German
FR: French IT: Italian

MK-KTP6A

1U Height Rackmount
Keyboard/Mouse Drawer

KM-088



Ship with cable set

Feature

- Rackmount, 1U height
- Keyboard : 88key with slim size keyboard , supports English, Japanese, German, French, Italian keyboard
- Touchpad : Microsoft mouse compatible with PS/2 mouse interface
- Connectors : -6-Pin MiniDIN adapter-6-Pin MiniDIN to 5-Pin Din adapter
- Color: Black and White
- Net/GW (kg) : 3/4

Ordering Information

● MK-KTP6A C-L

C : Color Code : W = White, B = Black

L : Language Code EN: English JP: Japanese DE: German FR:
French IT: Italian

MK-KB2A

Rackmount Membrane
Keyboard



Feature

- Designed for rackmount or desktop applications
- Keyboard : 105 key, compatible to IBM PC/AT, PS/2 keyboard, supports Windows function keys Membrane key-switch for dust-protected and surface water-proof
- Dimensions : 483(W)x133(H)x30(D)mm; (19"x5.25"x1.18")
- Net/GW (kg) : 2/3

Ordering Information

- MK-KB2A : Rackmount membrane keyboard (English Version)

MK-KB1C

1U Height Rackmount
Keyboard/ Mouse Drawer



MK-KB1CW



MK-KB1CB

Feature

- Rackmount ,1U height
- Keyboard : 105 keys, compatible to IBM PC/AT keyboard, supports Windows function keys
- Designed with mouse pad for convenient mouse operation
- Lockable drawer to secure the keyboard and mouse
- Net/GW (kg) : 6/8

Ordering Information

- MK-KB1C C : 1U rackmount keyboard/mouse drawer includes English keyboard

C : Color Code : W = White, B = Black

MK-KTP5A

1U Height Rackmount
Keyboard/TouchPad
Drawer



MK-KTP5AW

Feature

- Rackmount ,1U height
- Keyboard : 105 key, compatible to IBM PC/AT, PS/2 keyboard, supports Windows function keys
- Touch Pad: Compatible to serial and PS/2 mouse
- Connectors: 5-pin DIN connector for PC/AT keyboard
- Colors : Black and White
- Operating Temperature : 0 ~ 50°C
- Net/GW : 5/6 (kg)

Ordering Information

- MK-KTP5A C : 1U Rack-mount Keyboard/Touch Pad drawer

C : Color Code : W = White, B = Black

Single
Board
Computer

LCD
Product
Series

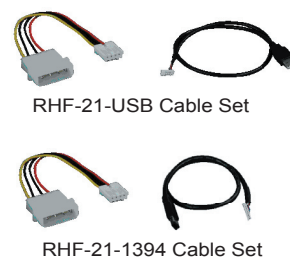
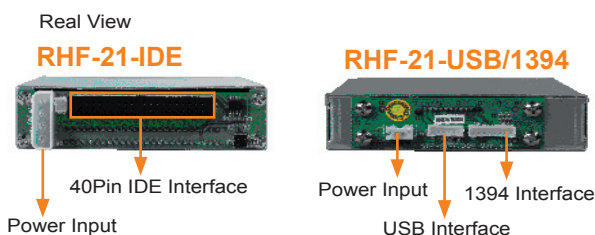
Chassis

Power
supply

Peripheral

Peripheral

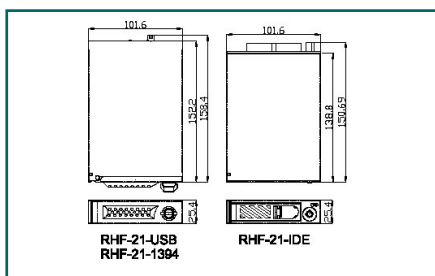
RHF-21 IDE to IDE/USB 2.0/IEEE 1394 Removable Drive Bay



Specifications

- ◆ 2.5" IDE Interface HDD compatible
- ◆ Individual fit 3.5" Internal docking station for PC compatibility
- ◆ Resistant different sides shock and vibration
- ◆ Power & hard drive access LED indicator
- ◆ IDE to IDE or USB 2.0 or IEEE1394 interface
 - Supports most 2.5" UDMA 33 IDE devices
 - Support USB 2.0 transfer rate up to 480Mbit/sec.
 - Support 1394 transfer rate up to 400Mbit/sec.
- ◆ 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)

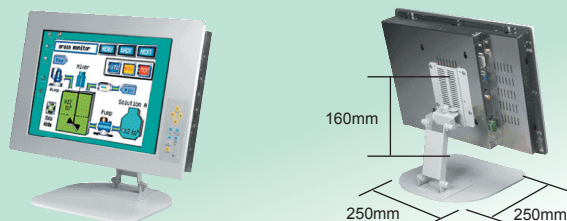
Dimensions



Ordering Information

- **RHF-21-IDE**
IDE to IDE, 3.5"Removable Drive Bay
- **RHF-21-USB**
IDE to USB 2.0, 3.5" Removable Drive Bay
- **RHF-21-1394**
IDE to IEEE 1394, 3.5" Removable Drive Bay

STAND-100 LCD Monitor mounting solution



STAND-100 LCD Monitor Stand

- ◆ Universal screen mounting system accommodates all VESA 75/100 standards
- ◆ Material: Heavy-duty steel
- ◆ Multi-screen angle adjusted to LCD monitor
- ◆ Flat Panel Monitor Stand Loading capacity from 3 to 8kg various demands
- ◆ Color: WHITE (PANTONE 413C)
- ◆ Support DM-104, DM-121, DM-150, DM-170, SRM-121, SRM-150, SRM-170 products

ORDERING INFORMATION

- ◆ STAND-100
LCD Monitor Stand for 3~8kg



ARM-11

Flat Panel Monitor Arm Loading capacity from 3kg~6kg for various demands
Suitable for DM-121, SRM-121A, DM-150, SRM-150A, PPC-1210, PPC-1212, products



ARM-31

Flat Panel Monitor Arm Loading capacity from 7kg~14kg for variousdemands Suitable for DM-170, SRM-170A, PPC-5020, ,PPC-5050A, PPC-5150, PPC-5070, PPC-5170, SRPC-1210A,SRPC-5050A products

LCM-02 16x2 LCD Message Module



SPECIFICATIONS

- ◆ Programmable display module with16x2 Characters LCD Display with RS-232 Interface
- ◆ One first display page
- ◆ Eight auto-rolling display pages
- ◆ Adjustable back-light brightness
- ◆ Could daily to turn on or turn off system automatically
- ◆ Four programable general purpose input/output
- ◆ Support real time clock
- ◆ One battery-backup real time clock

- ◆ Internal OSD for user easy to configure
- ◆ Five programmable Buttons(four OSD buttons and one extra function button)
- ◆ Dimension:102mmx27mmx31mm

ORDERING INFORMATION

- ◆ LCM-02
16x2 LCD Message Module One first display page

Peripheral

BF-02 Bracket Cooling Fan

- SPECIFICATIONS**
- ◆ Ball bearing type cooling fan
 - ◆ 12V/0.15A power requirement
 - ◆ Max. air flow : 42CFM
 - ◆ Operation Temperature : -10° ~ 60°
 - ◆ Dimensions : 90 x 110 x 20 (Fan bc

ORDERING INFORMATION

- ◆ BF-02 : Bracket cooling fan

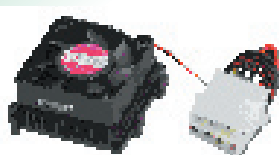


CF-401 486 CPU Cooler

- SPECIFICATIONS**
- ◆ Ball bearing type cooling fan
 - ◆ Supports 486 or 5x86 CPU
 - ◆ Max. air flow : 42CFM

ORDERING INFORMATION

- ◆ CF-401 : 486 CPU cooler



CF-502 Socket-7 CPU Cooler

- SPECIFICATIONS**
- ◆ Ball bearing type cooling fan
 - ◆ 12V/0.14A power requirement
 - ◆ Support RPM (Fan Speed) detecting signal output
 - ◆ Power connectors for CPU Card/Backplane & CD-ROM
 - ◆ Dimensions : 50(W) x 50(D) x 30(H)mm

ORDERING INFORMATION

- ◆ CF-502 : Socket-7 CPU cooler



CF-504 Slim Type Copper Socket-7/370 CPU Cooler

- SPECIFICATIONS**
- ◆ Ball bearing type cooling fan
 - ◆ Heat sink made by copper
 - ◆ Support RPM (Fan Speed) detecting signal output
 - ◆ Most suitable for ICP series CPU card with
 - ◆ RACK-230A/232/250 1U chassis
 - ◆ Dimensions : 52(W) x 51(D) x 21(H)mm

ORDERING INFORMATION

- ◆ CF-504 : Slim type copper socket-7/370 CPU c



CF-507 Socket-370 Blower Copper Cooler

- SPECIFICATIONS**
- ◆ The best cooler designed for 1U server application
 - ◆ Support RPM(Fan Speed) detecting signal output
 - ◆ Ball bearing type cooling fan
 - ◆ Heat sink made by copper
 - ◆ Dimensions : 53(W)x51(D)x27(H)mm

ORDERING INFORMATION

- ◆ CF-507 : Socket-370 Blower Copper C



CF-508

AMD K7 CPU Cooler with CPU Protector

- SPECIFICATIONS**
- ◆ Support Socket 462 AMD K7 CPU
 - ◆ 2 Ball bearing type cooling fan
 - ◆ Dimensions : 60(W) x 60(D)x 68(H)mm

ORDERING INFORMATION

- ◆ CF-508:AMD K7 CPU cooler with CPU pr
- This protector is used as a buffer to protect the CPU die from the fan sink.



CF-512 High Performance Copper type cooler

SPECIFICATIONS

- ◆ Support socket 370/462/478 CPU
- ◆ Support Pentium 4 CPU up to 2.5GHz
- ◆ Two ball bearing cooling fan
- ◆ Dimensions: 60(W) x 60(D) x 30(H) mm

ORDERING INFORMATION

- ◆ CF-512: Socket 370/462/478 CPU cooler
- Support IEI P4 SBC, SAGP-845, PSB-4710, POS-478 and NOVA-8890



CF-513 High Performance Copper Base CPU cooler

SPECIFICATIONS

- ◆ Support socket 370/462/478 CPU
- ◆ Support Pentium 4 CPU up to 3.06GHz
- ◆ Two ball bearing cooling fan
- ◆ Dimensions: 62(W) x 80(D) x 70.5(H) mm

ORDERING INFORMATION

- ◆ CF-513: Socket 370/462/478 CPU cooler
- Support IEI P4 SBC, SAGP-845, PSB-4710, POS-478 and NOVA-8890



CF-514 High Performance Skiving Pentium 4 CPU cooler

SPECIFICATIONS

- ◆ Material: Aluminum Skiving
- ◆ Dimensions: 83(W)x69(D)x55(H) mm
- ◆ Fin pitch: 0.7mm
- ◆ Fin thickness: 0.15mm
- ◆ Two ball bearing cooling fan
- ◆ Capability: 86 W

ORDERING INFORMATION

- ◆ CF-514: High Performance skiving Pentium 4 CPU cooler



CF-515

High Performance Skiving Pentium 4-M CPU cooler

SPECIFICATIONS

- ◆ Material: Aluminum Skiving
- ◆ Dimensions: 62(W)x60(D)x37(H)mm
- ◆ Two ball bearing cooling fan
- ◆ Capability: 60 W

ORDERING INFORMATION

- ◆ CF-515: High Performance skiving Pentium 4-M CPU cooler



CF-518 High Performance Pentium-M Cooler

SPECIFICATIONS

- ◆ Material: Aluminum
- ◆ Dimension: 60(W)x60(D)x26(H)mm
- ◆ Capability: Upto Pentium-M 1.8GHz

ORDERING INFORMATION

- ◆ CF-518: High Performance Pentium-M Cooler



CF-519

High Performance Copper Core Socket-478 Cooler for Prescott

SPECIFICATIONS

- ◆ Material : Aluminum with Copper Core
- ◆ Dimensions : 102(W)x 96(D)x 61(H)mm
- ◆ Capability : 110W up to Pentium4 Prescott 3.4GHz (60oC Environment Test Passed)
- ◆ Two Ball Bearing Cooling Fan Easy Installation Design

ORDERING INFORMATION

- ◆ CF-519 : High Performance Copper Core Socket-478 Cooler for Prescott



CF-KIT02

Socket 478 retention kit full metal material

SPECIFICATION

- ◆ Material: Steel
- ◆ Dimensions: 89(W) x 78(D) x 33(H) mm
- ◆ 4 silicon rubbers can fix most type of socket 478 cooler fans.
- ◆ Steel structure prevents transformation and broken issue of transportation



Single Board Computer

LCD Product Series

Chassis

Power supply

Peripheral

Peripheral

CB-DVI-D

DVI-D (M) to DVI-D (M) single link cable

SPECIFICATIONS

- ◆ Length: 200cm

ORDERING INFORMATION

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



U320-CB01

Internal Ultra320 SCSI Cable

SPECIFICATIONS

- ◆ Designed for Ultra 320 SCSI standard
- ◆ 68-pin to 68-pin connection, max. 5 devices connection (W/O terminator)
- ◆ Shipped with one terminator
- ◆ Length: 80cm

ORDERING INFORMATION

- ◆ U320-CB01 : Ultra 320 SCSI cable with Terminator



CB-USB02

Dual Port USB Cable

SPECIFICATIONS

- ◆ The most suitable USB cable for ICP CPU board
- ◆ Equipped with bracket for easy installation
- ◆ 4-pin female connector to CPU board
- ◆ Length: 30cm

Pin 1, Red	Pin 2, White	Pin 3, Green	Pin 4, Black
+5V	Data-	Data+	Ground

ORDERING INFORMATION

- ◆ CB-USB02 : Dual port USB cable



CB-IEEE1394

SPECIFICATIONS

- ◆ The most suitable IEEE-1394 cable for ICP CPU board
- ◆ Equipped with bracket for easy installation
- ◆ 8-pin female connector to CPU boardz
- ◆ Length: 25cm

Pin 1, White	Pin 2, Black	Pin 3, Red	Pin 4, Green
+12V	GND	TPB-	TPB+
Pin 5, Orange	Pin 6, Blue	Pin 7,	Pin 8,
TPA-	TPA+	SHIELD	SHIELD

ORDERING INFORMATION

- ◆ CB-IEE1394 :Dual port IEEE-1394 cable



CVT-S6850

Wide-SCSI 68-pin to 50-pin converter

ORDERING INFORMATION

- ◆ CVT-S6850: Converting from Wide SCSI 68-pin to 50-pin devices



CVT-4044

IDE HDD converter from 40-pin to 44-pin

ORDERING INFORMATION

- ◆ CVT-4044: Converting from IDE 40-pin to 44-pin devices



CB-U320EXT

External Ultra320

SCSI Connector

SPECIFICATIONS

- ◆ Designed for Ultra320 SCSI standard
- ◆ 68-pin to 68-pin connection
- ◆ Shipping with bracket panel for chassis application
- ◆ Length: 26cm

ORDERING INFORMATION

- ◆ CB-U320EXT : External Ultra 320 SCSI connector with bracket



IR210L

Infrared Data Communication Adapter

SPECIFICATIONS

- ◆ Meets IrDA 1.0 specification
- ◆ An integral 115cm cable with DIN connector
- ◆ IR Interface: IrDA-IR type
- ◆ Transmission speed: 9.6K~115.2Kbps
- ◆ Power Consumption: 0.3W

ORDERING INFORMATION

- ◆ IR210L : Infrared data communication adapter



CB-HD32

HDD Cable for 2.5" HDD

SPECIFICATIONS

- ◆ Connecting between SBC to 2.5" HDD
- ◆ 40-pin, 2.54mm pitch connector to SBC;
- ◆ 44-pin, 2.00mm pitch connector to HDD
- ◆ Standard power connector to power supply
- ◆ Length: 40cm

ORDERING INFORMATION

- ◆ CB-HD32 : HDD cable for 2.5" HDD



CB-U100 Series

For EC series 1U/2U chassis support

ATA-66/100 IDE HDD

40-pin/80 wire cable

SPECIFICATIONS

- ◆UL-VSVC
- ◆AWG30*20P*2 (UL20276) material
- ◆Round Cable

ORDERING INFORMATION

- ◆ 32000-026900
45cm length cable 2 x 40-pin connector with pull-tab
- ◆ 32000-026600
45cm + 20cm length 3 x 40 pin connector with pull-tab
- ◆ 32000-026800
75cm length 2 x 40-pin connector with pull-tab
- ◆ 32000-026700
70cm + 20cm length 3 x 40-pin connector with pull-tab

32000-026900

32000-026600

32000-026700

32000-026800



Peripheral

RD-01

IDE Removable Drive Bay

SPECIFICATIONS

- ◆ Designed for 3.5" HDD
- ◆ Interface : IDE
- ◆ Internal cooling fan
- ◆ LED indicators for power & HDD



RD-02

Aluminum IDE Removable Drive Bay

- ◆ Inner & outer frame Aluminum material
- ◆ Designed for 3.5" HDD
- ◆ Interface : IDE
- ◆ Internal cooling fan
- ◆ LED indicators for power & HDD



RD-03

5.25" Serial ATA Removable Drive Bay

SPECIFICATIONS

- ◆ High quality data transfer rate up to 150MB/sec for Serial ATA 1.0 spec
- ◆ 64pin industrial DIN type connector for real-time plug & play Hot-Swap
- ◆ Full Aluminum construction with Plastic panel
- ◆ Three steps power control key lock
- ◆ Interface: Serial ATA
- ◆ LED indicators for power & HDD



Floating Kit Design!!



AS-35A Kit

AS-25A/25C/35A

Anti-vibration Drive Kit

SPECIFICATIONS

- ◆ Resistant different sides shock and vibration
- ◆ Support 2.5" HDD into 3.5" drive bay(AS-25A/25C) or 3.5" HDD into 5.25" drive bay(AS-35A)
- ◆ Vibration(Operating) meets:
 - MIL-STD-810F 514.5C-1 standard
 - 5-20Hz, 1G peak to peak
 - 60-200Hz, 3G peak to peak



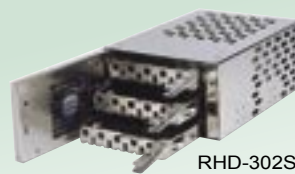
AS-25C Kit

ORDERING INFORMATION

- ◆ AS-25A : 2.5" Drive Anti-vibration Kit
- ◆ AS-25C : Enhanced 2.5" Drive Anti-vibration Kit
- ◆ AS-35A : 3.5" Drive Anti-vibration Kit

RHD-302S/503S

SCA2 Multi-drive Dock



RHD-302S



RHD-503S

SPECIFICATIONS

- ◆ Interface : SCA2, supports Wide, Ultra Wide or Ultra2 Wide SCSI (LVD mode)
- ◆ Latch control hot swappable trays
- ◆ Fits three standard 3.5" HDD into two 5.25" CD-ROM housing (RHD-302) Fits five standard 3.5" HDD into three 5.25" CD-ROM housing (RHD-503)
- ◆ Real panel for system I/O :
 - Two 68-pin Ultra Wide SCSI connectors
 - Three DIP switch for SCSI ID selection (RHD-302)
 - Five DIP switch for SCSI ID selection (RHD-503)
 - Two power connectors (RHD-302)
 - Three power connectors (RHD-503)
 - Alarm setting jumpers & buzzer
- ◆ Dimensions : 5.74" x 3.31" x 9.37" (W x H x D; RHD-302)
5.75" x 5.04" x 9.57" (W x H x D; RHD-503)

ORDERING INFORMATION

- ◆ RHD-302S : 3 trays multi-drive dock; SCA2 interface
- ◆ RHD-503S : 5 trays multi-drive dock; SCA2 interface

FCD-501 / 502 / 503



FCD-503



FCD-502



FCD-501

USB



FCD-501

SPECIFICATIONS

- ◆ 3 in 1 compact drive bay (FCD-501)
- ◆ 2 in 1 compact drive bay (FCD-502)
- ◆ 4 in 1 compact drive bay (FCD-503)

	FCD-501	FCD-502	FCD-503
Slim type CD-ROM	1	1	1
Slim type FDD	-	-	1
2.5" HDD	-	-	1
3.5" FDD	1	1	-
USB PORT	2	-	2

- ◆ Support standard 5.25" drive bay
- ◆ Includes convert board for CD-ROM and FDD
- ◆ Colors :Black (PANTONE BlackC) White (PANTONE413C)

ORDERING INFORMATION

- ◆ FCD-501 C : 3-in-1 compact drive bay
- ◆ FCD-502 C : 2-in-1 compact drive bay
- ◆ FCD-503 C : 4-in-1 compact drive bay
- C Color Code : B = Black, W = White

FCD-301 3.5" compact drive bay with USB port

SPECIFICATION

- ◆ The most suitable USB cable for IEI'S CPU board
- ◆ Support standard 3.5" drive bay
- ◆ 5-pin female connector to CPU board's pin header
- ◆ Length: 60cm
- ◆ Color: White or black
- ◆ Pin definition:

PIN 1	PIN 2	PIN 3	PIN 4	PIN 5
VCC1	D1F-	D2F+	GND	GND

ORDERING INFORMATION

- ◆ FCD-301W : 3.5" compact drive bay with USB port, white color
- ◆ FCD-301B : 3.5" compact drive bay with USB port, black color

