












# Drive Cage *Standard 3.5" devices 5.25" Drive Bay Solution*

Following the traditional industrial system needs for stability, durability and toughness for storage drive operating condition, IEI provides various kinds standard 3.5" devices 5.25" removable drive bay and modules for each different demands.


	SATA / IDE / SSD Solution		SATA Solution	
				
Model name	XWC-410030507220-RS	XWC-410030507230-RS	7G000-ST1110L-RS	RD-03A-RS / RD-03A-B-RS
Dimensions (L x W x H)	150 x 146 x 42mm	150 x 146 x 42mm	185 x 126.5 x 28	190 x 148 x 42mm
Material	Aluminum	Aluminum	Aluminum	Aluminum alloy
Interface	SATA / IDE / SSD	SATA / IDE / SSD	SATA	SATA
Data Transfer Rate				up to 300MB/Sec
Drive Bay Space	2.5" Device Bay x 1	2.5" Device Bay x 1	2.5" Device Bay x 1	1 x 5.25"
HDD Type	Internal 3.5" device bay	Internal 3.5" device bay	3.5" SATA	3.5" SATA
Cooling Fan				4010 ball bearing
Hot Swap	NO	NO	Yes	Yes
Keylock	NO	NO	Yes	Yes
Signal out	NO	NO	15pin Power Connector x 1	Power on signal out (high) HDD access signal out (high)
Color	Black	White	White	White / Black
G.W.	0.2kg	0.2kg	0.3kg	0.3kg

	SATA Solution		
			 <b>New</b>
Model name	RHD-302SATA-RS	RHD-403SATA-RS	RHD-503SATA-R10
Dimensions (L x W x H)	220 x 148 X 85.8mm	220 x 148 X 127mm	220.0 x 147.0 x 127.0 mm
Material	Aluminum alloy	Aluminum alloy	Aluminum body w/ partial plastic
Interface	SATA	SATA	SATA
Data Transfer Rate	up to 300MB/Sec	up to 300MB/Sec	up to 300 MB/sec (depending on hard drive speed)
Drive Bay Space	2 x 5.25" drive bay for 3 x 3.5" HDD	3 x 5.25" drive bay for 4 x 3.5" HDD	3 x 5.25" drive bay for 5 x 3.5" HDD
HDD Type	3.5" SATA	3.5" SATA	3.5" SATA I / II
Cooling Fan	8020 ball bearing (Removable)	8020 ball bearing (Removable)	Detachable rear outtake fan w/ aluminum heat dispersion
Hot Swap	Yes	Yes	YES
Keylock	NO	NO	W/O
Signal out	HDD Power signal Out (+5V, GND) x 3 Temperature over heat signal Out (5V, GND) x 1 Fan Fail Signal Out (5V, GND) x 1 HDD Access Signal Out (+5V, GND) x 3 Reset Signal Out (High, GND) x 1	HDD Power signal Out (+5V, GND) x 4 Temperature over heat signal Out (5V, GND) x 1 Fan Fail Signal Out (5V, GND) x 1 HDD Access Signal Out (+5V, GND) x 4 Reset Signal Out (High, GND) x 1	HDD Power signal Out (+5V, GND) x 5 Temperature over heat signal Out (5V, GND) x 1 Fan Fail Signal Out (5V, GND) x 1 HDD Access Signal Out (+5V, GND) x 5 Reset Signal Out (High, GND) x 1
Color	Black bezel and silver housing	Black bezel and silver housing	Black bezel and silver housing
G.W.	1.0kg	1.3kg	2kg

# Drive Cage *Standard 3.5" devices 5.25" Drive Bay Solution*

	SATA Solution		IDE Solution	SATA / IDE / SSD
	 <b>New</b>	 <b>New</b>		 <b>New</b>
<b>Model name</b>	<b>RHD-101SATA-R10</b>	<b>RHD-104SATA-R10</b>	<b>RHF-21-SATA-R10</b>	<b>RHF-21-IDE-RS</b>
<b>Dimensions (L x W x H)</b>	135 x 101.6 x 25.6 mm	170 x 146 x 41.3 mm	151.5 x 102 x 25.7mm	151.5 x 102 x 25.7mm
<b>Material</b>	SECC	SECC	SECC	SECC
<b>Interface</b>	7 pin SATA x 2	7 pin SATA x 4	SATA	IDE
<b>Data Transfer Rate</b>	Up to 600 MB/sec	Up to 600 MB/sec	NO	NO
<b>Drive Bay Space</b>	3.5" Device Bay x 1	5.25" Device Bay x 1	Internal 3.5" device bay	Internal 3.5" device bay
<b>HDD Type</b>	2.5" SAS or SATA I / II / III HDD / SSD x 1	2.5" SAS or SATA I / II / III HDD / SSD x 4	2.5" SATA HDD	2.5" IDE HDD
<b>Cooling Fan</b>	Metal heat dispersion	40 mm rear outtake fan w/ aluminum heat dissipation x 2	NO	NO
<b>Hot Swap</b>	YES	YES	YES	YES
<b>Keylock</b>	2 segment key lock	W/O	YES	YES
<b>Signal out</b>	HDD Power signal Out x 1 HDD Access Signal Out x 1	HDD Power signal Out x 4 HDD Access Signal Out x 4	Female Connector x 1 SATA LED Signal Connector x 1 Power LED Connector x 1 Key ON/ OFF Connector x 1 Power / SATA LED Connector x1 Male Connector x 1	DC Connector x 1 Power LED Connector x 1 Access LED Connector x 1 DC power turn on/off x 1
<b>Color</b>	Black	Black	Black	Black
<b>G.W.</b>	0.483kg	0.95kg	0.3kg	0.3kg

## FCD-301



- The most suitable USB cable for IEI's CPU boards
- Support standard 3.5" drive bay; 4-pin female connector to CPU boards's pin header; length: 60cm
- RoHS compliant
- Pin definition:

Pin 1	Pin 2	Pin 3	Pin 4
+5V	Data-	Data+	GND


**3.5" compact drive bay with USB port**

### Ordering Information

Part No.	Description
FCD-301[C]-RS	3.5" compact drive bay with USB port, RoHS [C] Color Code: B=Black, W=White

## AS-35A / AS-25A / AS-25C

**Anti-vibration Drive Kit**



AS-35A      AS-25A      AS-25C

- Resistant to shocks and vibrations from all directions
- Support 2.5" HDD into 3.5" drive bay (AS-25A/ 25C)  
Support 3.5" HDD into 5.25" drive bay (AS-35A)
- Meets the following standards:
  - MIL-SLD-810F 514.5C-1 standard
  - 5-20Hz, 1G peak to peak
  - 60-200Hz, 3G peak to peak
- RoHS compliant

### Ordering Information

Part No.	Description
AS-35A-RS	3.5" Drive Anti-vibration kit, RoHS
AS-25A-RS	2.5" Drive Anti-vibration kit, RoHS
AS-25C-RS	Enhanced 2.5" Drive Anti-vibration kit, RoHS

## LCM-02G 16x2 LCD Message Module



RS-232

Function button

Power LED

Select buttons (up/down) ESC/ENTER

LCM-02G in RACK-1151G 1U rackmount Chassis

### Main Features

- RoHS compliant design
- One programmable welcome page
- Up to 8 messages auto rolling mode
- Adjustable back-light brightness
- Five programmable buttons (Four OSD buttons and One extra function button.)

### Specification

Character Number	16 characters x 2 lines
Character Size (WxH)	2.96 mm X 5.56 mm
Dot Size (WxH)	0.56 mm X 0.66 mm
Back Light	Yellow green LED with adjustable brightness
LCD Size (WxH)	60mm x 15mm
Buttons	UP / DOWN / ESC / ENTER / FN
Control Interface	RS-232
GPIO	4
Power	DC 5V
Operating Temperature	0~50°C
Dimensions (WxHxD)	101mm x 25mm x 34mm

### Dimensions

(measurement units: millimeter)



### Packing List



1 x LCM-02G
1 x user manual
1 x utility disk
1 x power cable
1 x RS-232 cable
3 x LED, reset cable
1 x screw set

### Ordering Information

Part No.	Description
LCM-02G	16 x 2 LCD Message Module, RoHS