

EES-3723 Series

**Fanless Intel® Celeron® M 600 MHz with 0K L2 Cache
Micro PC**

Quick Reference Guide



1st Ed – 09 August 2006

FCC Statement



THIS DEVICE COMPLIES WITH PART 15 FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

- (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE.
- (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

THIS EQUIPMENT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A CLASS "A" DIGITAL DEVICE, PURSUANT TO PART 15 OF THE FCC RULES.

THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST HARMFUL INTERFERENCE WHEN THE EQUIPMENT IS OPERATED IN A COMMERCIAL ENVIRONMENT. THIS EQUIPMENT GENERATES, USES, AND CAN RADIATE RADIO FREQUENCY ENERGY AND, IF NOT INSTALLED AND USED IN ACCORDANCE WITH THE INSTRUCTION MANUAL, MAY CAUSE HARMFUL INTERFERENCE TO RADIO COMMUNICATIONS.

OPERATION OF THIS EQUIPMENT IN A RESIDENTIAL AREA IS LIKELY TO CAUSE HARMFUL INTERFERENCE IN WHICH CASE THE USER WILL BE REQUIRED TO CORRECT THE INTERFERENCE AT HIS OWN EXPENSE.

Notice

This guide is designed for experienced users to setup the system within the shortest time. For detailed information, please always refer to the electronic user's manual.

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If you still cannot find the answer, gather all the information or questions that apply to your problem, and with the product close at hand, call your dealer. Our dealers are well trained and ready to give you the support you need to get the most from your Evaluate's products. In fact, most problems reported are minor and are able to be easily solved over the phone.

In addition, free technical support is available from Evaluate's engineers every business day. We are always ready to give advice on application requirements or specific information on the installation and operation of any of our products. Please do not hesitate to call or e-mail us.

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Evalue warrants to you, the original purchaser, that each of its products will be free from defects in materials and workmanship for two years from the date of purchase.

This warranty does not apply to any products which have been repaired or altered by persons other than repair personnel authorized by Evalue, or which have been subject to misuse, abuse, accident or improper installation. Evalue assumes no liability under the terms of this warranty as a consequence of such events. Because of Evalue's high quality-control standards and rigorous testing, most of our customers never need to use our repair service. If any of Evalue's products is defective, it will be repaired or replaced at no charge during the warranty period. For out-of-warranty repairs, you will be billed according to the cost of replacement materials, service time, and freight. Please consult your dealer for more details. If you think you have a defective product, follow these steps:

1. Collect all the information about the problem encountered. (For example, CPU type and speed, Evalue's products model name, hardware & BIOS revision number, other hardware and software used, etc.) Note anything abnormal and list any on-screen messages you get when the problem occurs.
2. Call your dealer and describe the problem. Please have your manual, product, and any helpful information available.
3. If your product is diagnosed as defective, obtain an RMA (return material authorization) number from your dealer. This allows us to process your good return more quickly.
4. Carefully pack the defective product, a complete Repair and Replacement Order Card and a photocopy proof of purchase date (such as your sales receipt) in a shippable container. A product returned without proof of the purchase date is not eligible for warranty service.
5. Write the RMA number visibly on the outside of the package and ship it prepaid to your dealer.

Contents

1. Getting Started	7
1.1 Safety Precautions	7
1.2 Packing List	7
1.3 System Specifications	8
1.4 System Overview.....	9
1.4.1 Rear View.....	9
1.5 System Dimensions.....	10
1.5.1 Top and Front	10
1.5.2 Bottom and Rear.....	11
2. Hardware Configuration	12
2.1 Jumper and Connector Setting, Driver and BIOS Installing.....	12
2.2 Installing Hard Disk & Memory	13

1. Getting Started

1.1 Safety Precautions

Warning!



Always completely disconnect the power cord from your chassis whenever you work with the hardware. Do not make connections while the power is on. Sensitive electronic components can be damaged by sudden power surges. Only experienced electronics personnel should open the PC chassis.

Caution!



Always ground yourself to remove any static charge before touching the CPU card. Modern electronic devices are very sensitive to static electric charges. As a safety precaution, use a grounding wrist strap at all times. Place all electronic components in a static-dissipative surface or static-shielded bag when they are not in the chassis.

1.2 Packing List

- 1 x Intel® Celeron® M EPIC PC
- 1 x Quick Reference Guide
- 1 x CD/DVD-ROM contains the followings:
 - User's Manual (this manual in PDF file)
 - Ethernet driver and utilities
 - VGA drivers and utilities
 - Audio drivers and utilities



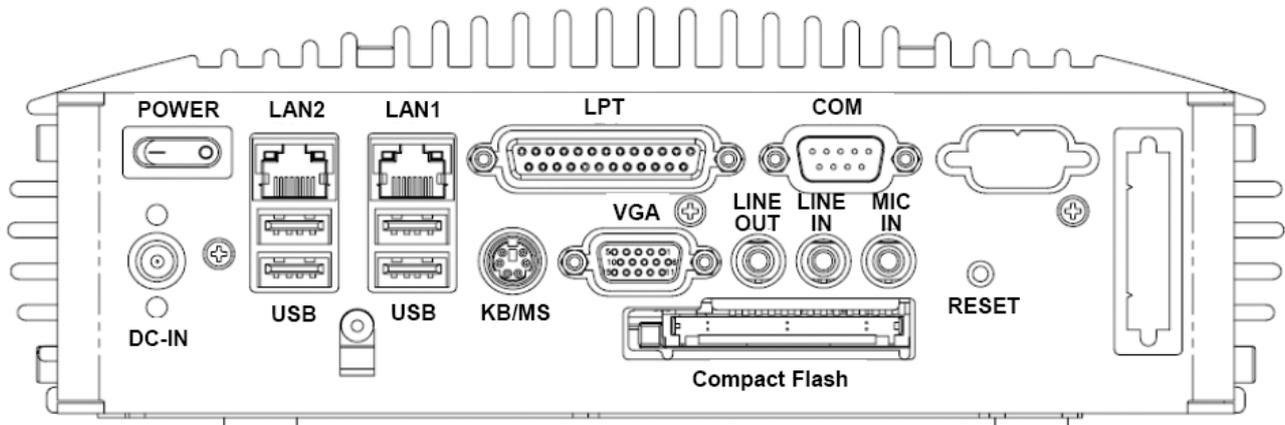
If any of the above items is damaged or missing, contact your retailer.

1.3 System Specifications

System 	
CPU	Onboard Intel® Celeron® M 600 MHz with 0K L2 Cache or Intel® Processor at 800 MHz
BIOS	Award 512 KB Flash BIOS
System Chipset	Intel® RG82852GM GMCH/FW2801DB ICH4
I/O Chipset	Winbond W83627HF-AW
System Memory	One 200-pin SODIMM socket supports up to 1 GB DDR 200/266 SDRAM
SSD	One CompactFlash Type I/II socket with ejector
Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
Display	Intel® 82852GM GMCH integrated Extreme Graphics 2 controller with 64 MB display memory
Audio	AC97 Codec, Realtek ALC655D supports 5.1 CH Audio
Ethernet	Dual Intel® 82551ER 100Base-Tx Ethernet controllers
System Indicators	2 LED indicators show the power and HDD LAN status shown on the panel
External I/O Ports 	
COM Port	1 x RS-232/422/485
Ethernet Port	2 x RJ-45
VGA / LCD Port	1 x DB-15, 1 x 26-pin LVDS output (optional)
Audio Port	Mic-in, Line-in, Line-out
USB Port	4 x USB 2.0
Parallel Port	1 x DB-25
Mouse & KB	1 x PS/2 mini DIN
Power Supply Unit 	
Power Input	100 ~ 240 Vdc / 50 ~ 60 Hz
Power Output	+12 Vdc / 4.16 A (50W)
Environment & Mechanical 	
Operating Temperature	0~40°C (32~104°F)
Storage Temperature	-20 to +75°C (-4~167°F)
Relative Humidity	5 to 90% @ 40°C (104°F), relative humidity, non-condensing
Dimension (W x D x H)	8.89" x 5.94" x 2.91" (226 mm x 151 mm x 74 mm)
Weight	4.4 lbs (2 Kgs)

1.4 System Overview

1.4.1 Rear View

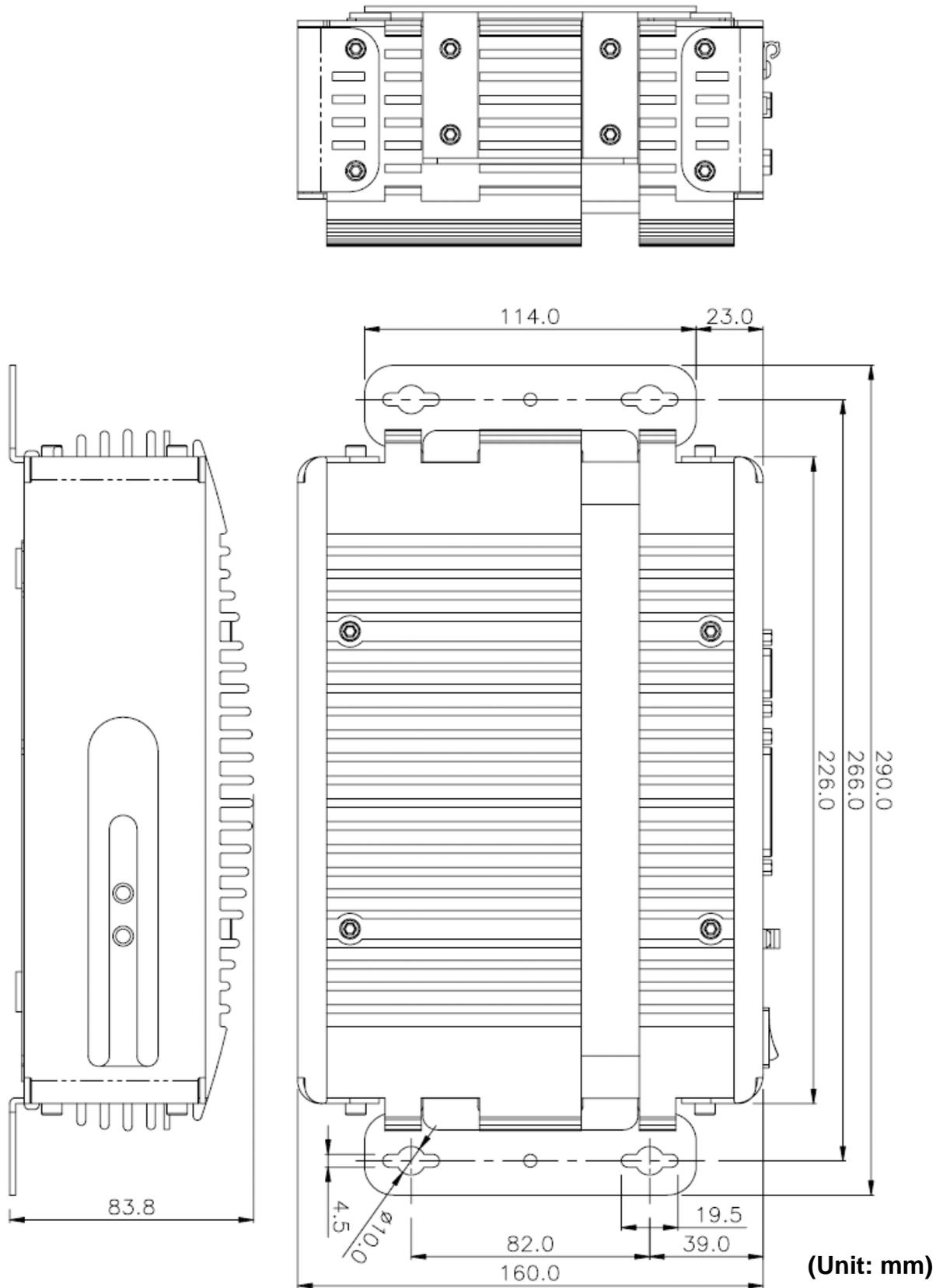


Connectors

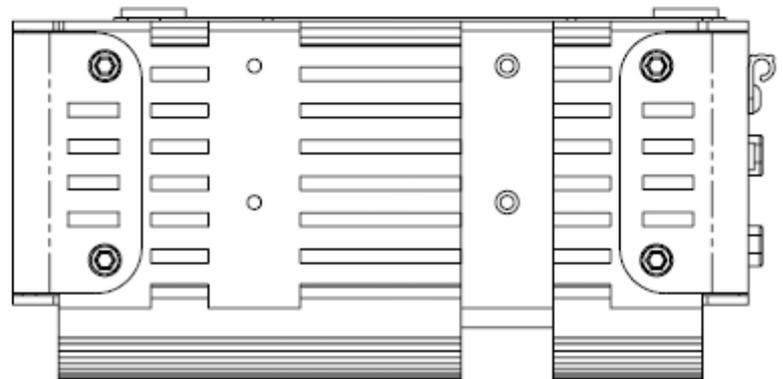
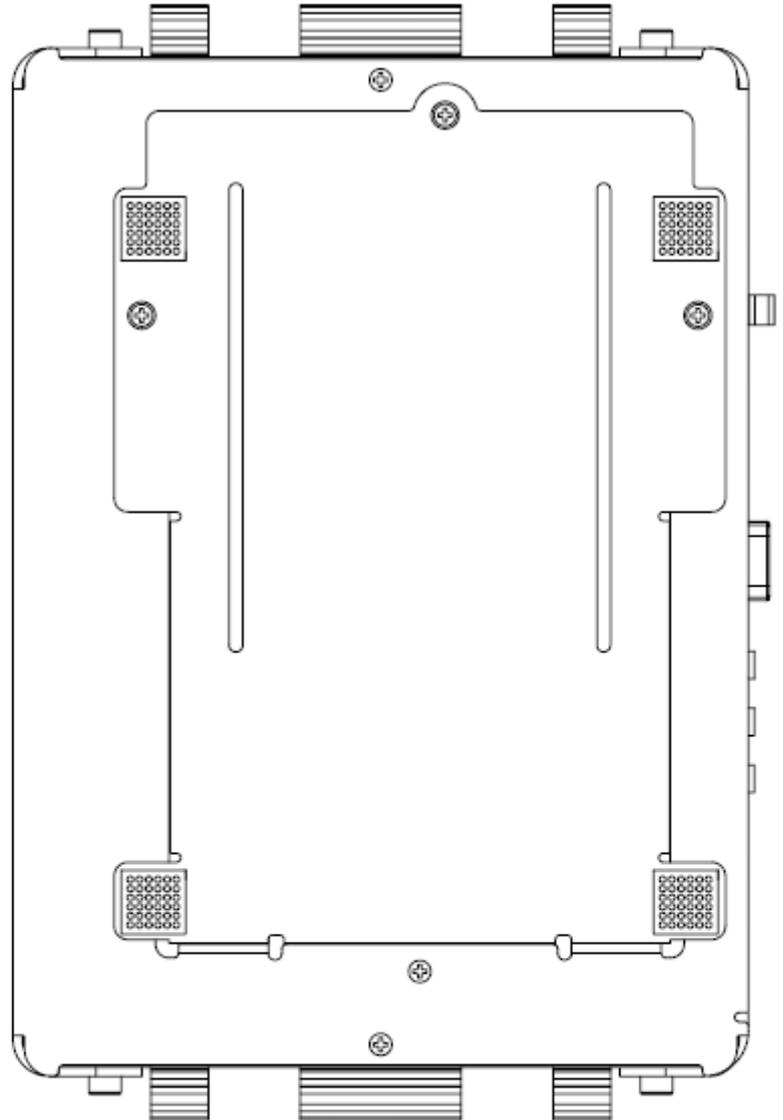
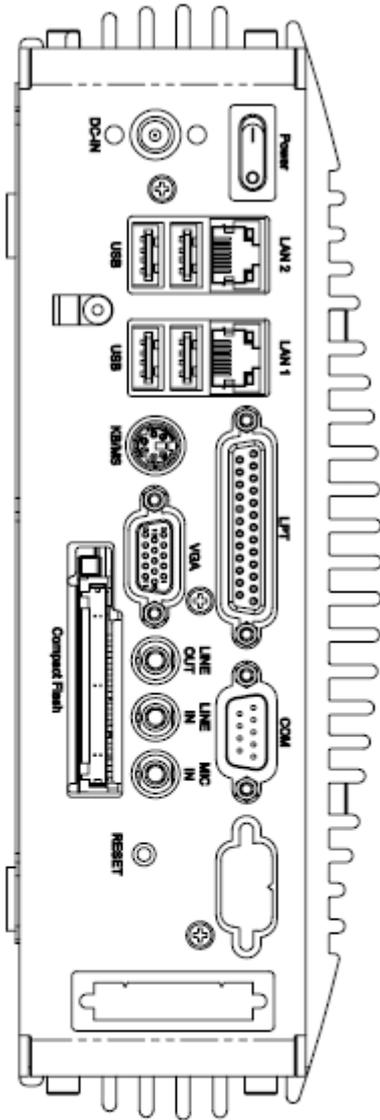
Label	Function	Note
COM	Serial port	DB-9 male connector
Compact Flash	CF Type I/II Socket with Ejector	
DC-IN	DC Power-in connector	
KB/MS	Keyboard and PS/2 mouse connector	6-pin mini DIN
LAN1	10/100Base-Tx Ethernet 1 connector	RJ-45
LAN2	10/100Base-Tx Ethernet 2 connector	RJ-45
LINE IN	Line-in audio jack	
LINE OUT	Line-out audio jack	
LPT	Printer port	DB-25 female connector
MIC IN	Mic-in audio jack	
Power	System power switch	
RESET	Reset button	
USB	4 x USB 2.0 connector	
VGA	CRT connector	DB-15 female connector

1.5 System Dimensions

1.5.1 Top and Front



1.5.2 Bottom and Rear



2. Hardware Configuration

2.1 Jumper and Connector Setting, Driver and BIOS Installing

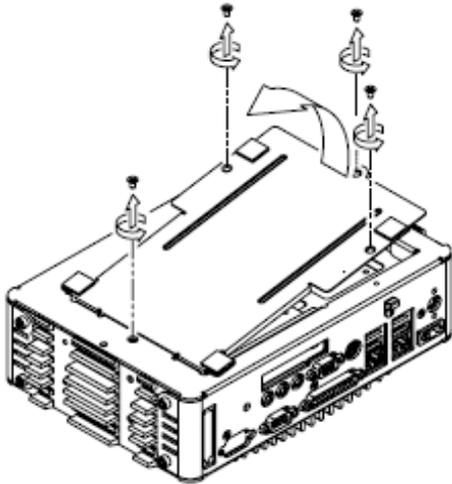
- Please refer to ECM-3723 Quick Installation Guide or User's Manual.



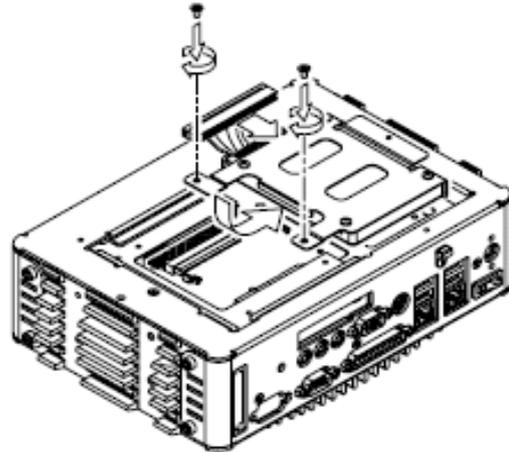
Note: If you need more information, please visit our website:

<http://www.evalue-tech.com>

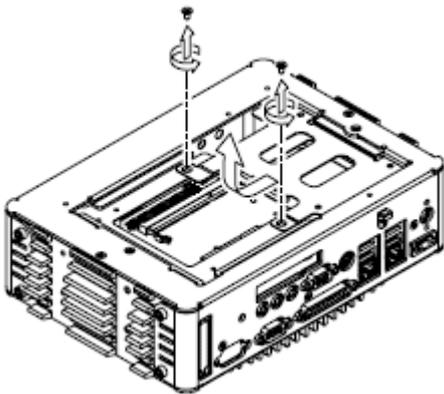
2.2 Installing Hard Disk & Memory



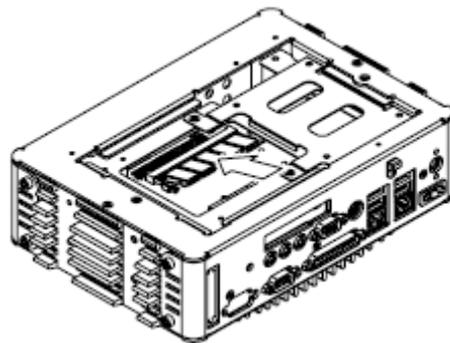
Step 1. Unfasten 4 screws on the rear side of system, and remove the chassis cover.



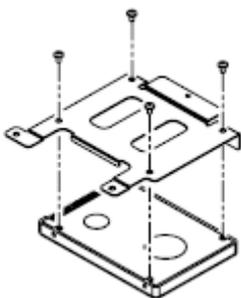
Step 4. Place the HDD assembled back and have 2 screws locked.



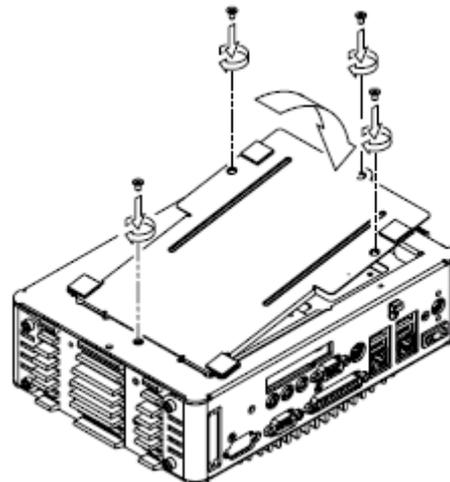
Step 2. Unlocked 2 screws to take out the HDD bracket.



Step 5. Insert your DDR SODIMM into the memory socket.

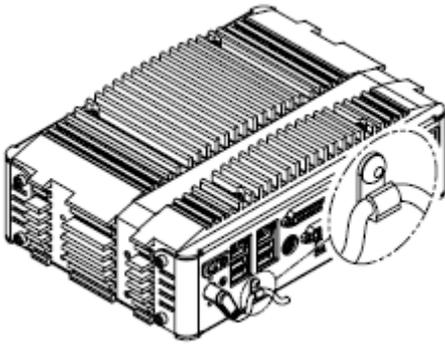


Step 3. Fasten 4 screws through the HDD bracket to your 2.5" HDD.

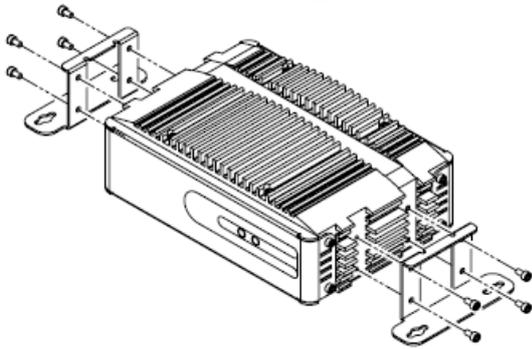


Step 6. Replace the chassis cover & have the unfastened 4 screws locked.

EES-3723 Series



Step 7. Fix the DC-IN power cord with the hook as shown above.



Step 8. Fasten 2 brackets enclosed with 4 screws each as above.

