DFI®

EC500-HD Installation Guide

Package Contents

• 1 system unit
• 1 CD disk includes:
- Drivers / Manual

Note:
The CD that came with the system contains an autorun screen to install drivers, utilities, and software applications required to enhance the performance of the system and a user's manual for your reference. Insert the CD into a CD-ROM drive. The autorun screen will appear. If after inserting the CD, "Autorun" did not automatically start, please go directly to the root directory of the CD and double-click "Setup". Please install all required drivers.

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Installing a 2.5" SATA Drive

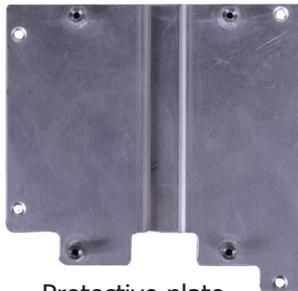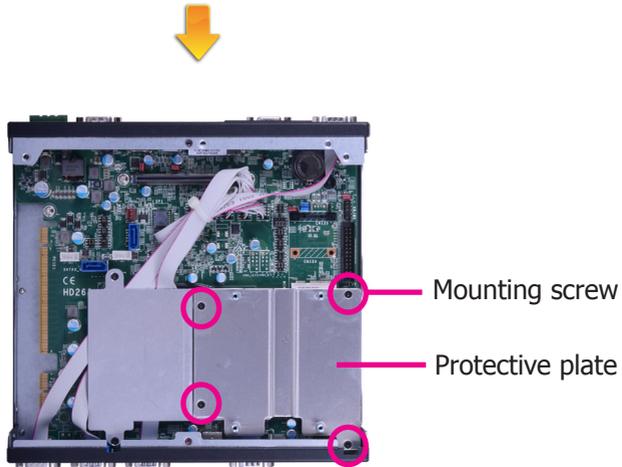1. The SATA drive bay is located on the system board.

SATA drive bay

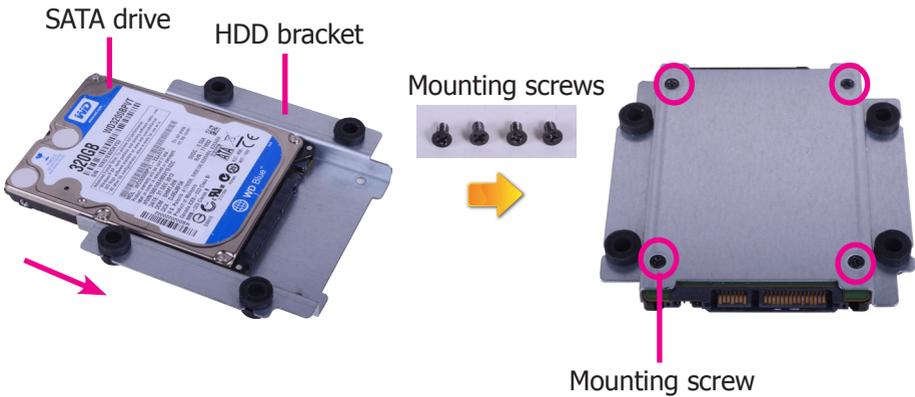2. Use the 4 provided mounting screws to secure the protective plate in place on the system board.

Mounting screws

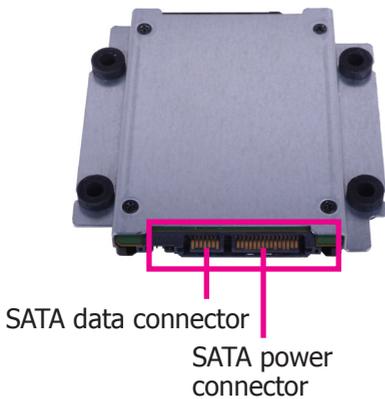Protective plate

Mounting screw
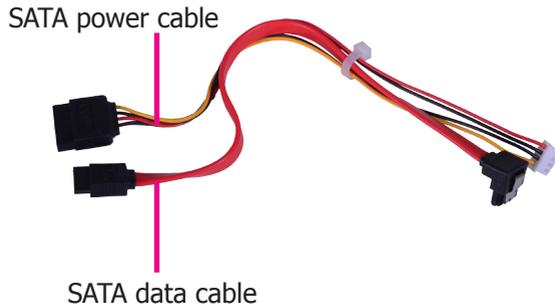
Protective plate

3. Insert the SATA drive into the HDD bracket and secure it in place with the provided mounting screws.

SATA drive
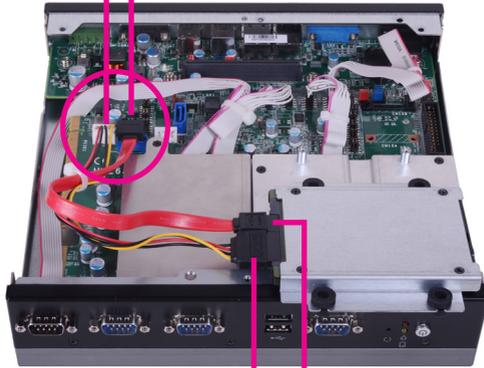
HDD bracket

Mounting screws

Mounting screw

4. Connect one end of the SATA data cable and the SATA power cable to a SATA data connector and a SATA power connector on the system board respectively and the other end to your SATA device.

SATA power cable

SATA data cable

SATA data connector

SATA power connector

SATA power connector
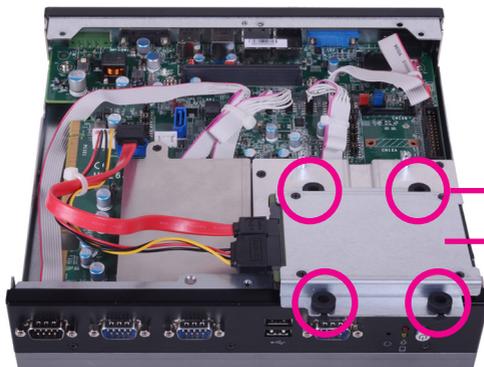
SATA data connector

SATA power connector

SATA data connector

SATA data connector

SATA power connector

5. Place the SATA drive with the HDD bracket into the system. Align the mounting holes on the HDD bracket with the mounting holes on the protective plate and then use the provided mounting screws to secure the drive in place.
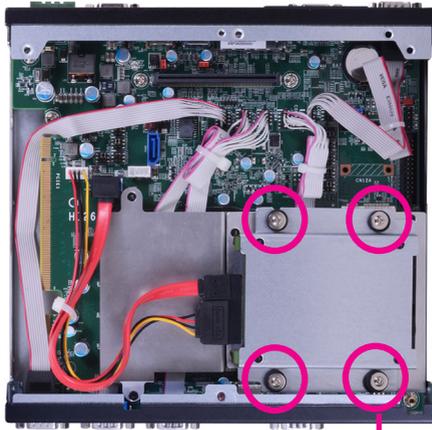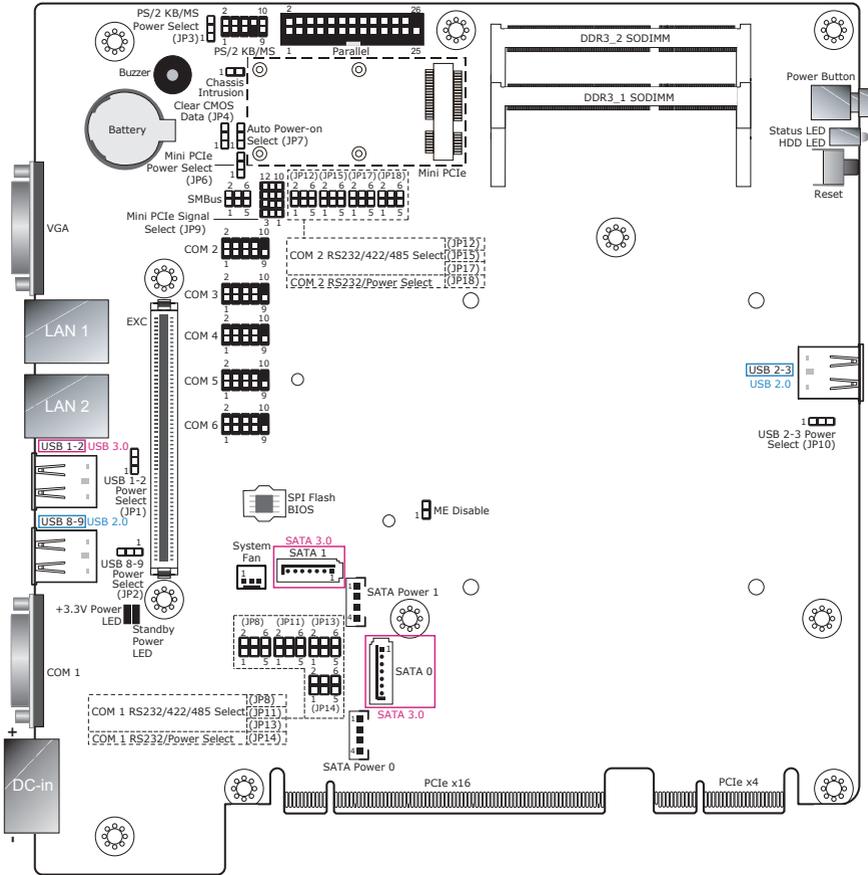

Mounting hole

HDD bracket

Mounting screws

Mounting screw

Board Layout and Jumper Settings

Clear CMOS Data	JP4
Normal (default)	1-2 On
Clear CMOS Data	2-3 On

PS/2 Keyboard/Mouse Power Select	JP3
+5V (default)	1-2 On
+5V_standby	2-3 On

RS232/422/485 Select: COM 1 (JP13), COM 2 (JP17)	
RS232 (default)	1-2 On
RS422 Full Duplex	3-4 On
RS485	5-6 On

RS232/422/485 Select: COM 1 (JP8/JP11) COM 2 (JP12/JP15)	
RS232 (default)	1-3, 2-4 On
RS422 Full Duplex/RS485	3-5, 4-6 On

RS232/Power Select: COM 1 (JP14), COM 2 (JP18)	
RS232 (default)	1-3 (RI), 2-4 (DCD) On
RS232 with power	3-5 (+5V), 4-6 (+12V) On

USB Power Select: 1-2 (JP1), 8-9 (JP2), 2-3 (JP10)	
+5V (default)	1-2 On
+5V_standby	2-3 On

Auto Power-on Select	JP7
Power-on via Power Button (default)	1-2 On
Power-on via AC Power	2-3 On

Mini PCIe Signal Select	JP9
PCIe (default)	1-4-7-10 2-5-8-11 On
mSATA	2-5-8-11 3-6-9-12 On

Mini PCIe Power Select	JP6
+3.3V	1-2 On
+3.3V_standby (default)	2-3 On

Note:
1. When COM 1 RS232/422/485 is selected, JP8 and JP11 must be set in accordance to JP13.
2. When COM 2 RS232/422/485 is selected, JP12 and JP15 must be set in accordance to JP17.