

EC510/511/520/521-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.

DFI reserves the right to change the specifications at any time prior to the product's release. For the latest revision and for more details of the installation process, please refer to the user's manual on the website.



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

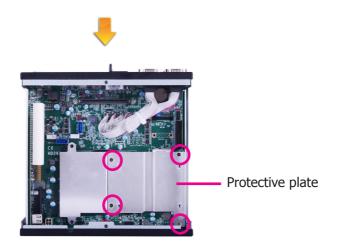


2. Use the 4 provided mounting screws to secure the protective plate in place on the system board.

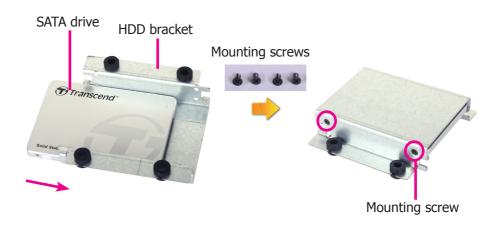


Mounting screws

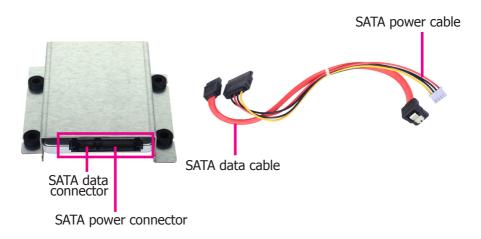


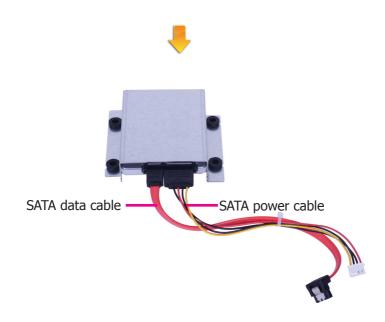


3. Insert the SATA drive into the HDD bracket and secure it in place with the provided mounting screws.

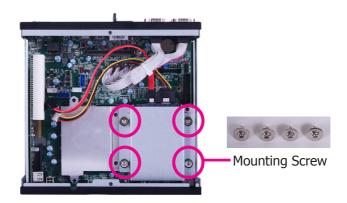


4. Connect one end of the SATA data cable and the SATA power cable to a SATA data connector and a SATA power connector on the SATA drive respectively.

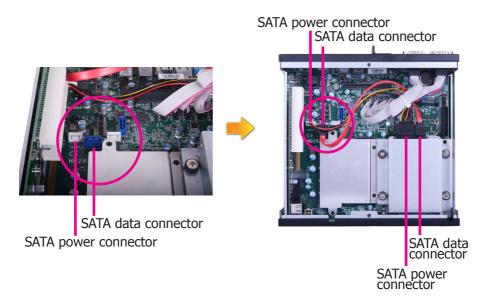




5. Place the SATA drive with the HDD bracket into the system. Align the mounting holes on the HDD bracket with the mounting holes on the protective plate and then use the provided mounting screws to secure the drive in place.

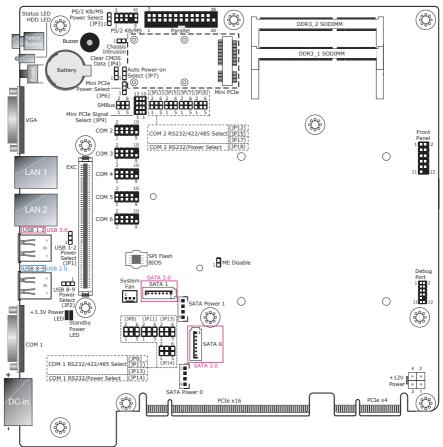


6. Connect the other end of the SATA data cable and the SATA power cable to a SATA data connector and a SATA power connector on the system board respectively.





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

USB Power Select: 1-2 (JP1), 8-9 (JP2)		
+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:		

- 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

RS232 with power

3-5 (+5V), 4-6 (+12V) On