

PCIE-6001 Quick Start Guide

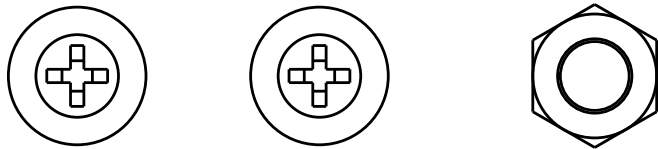
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1 Box contents

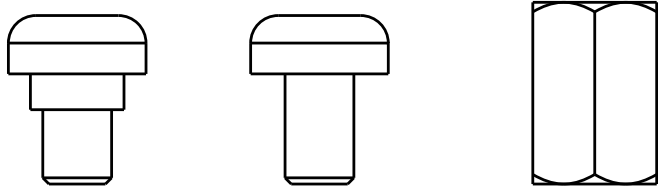
Make sure you receive all items of your shipment:

- One PCIE-6001 card
- Four (4) M2.5 x 4 mm shoulder screws
- Four (4) M2.5 x 4 mm screws
- Four (4) 6 mm long (diameter 3 mm) M2.5 hex standoffs
- One printed copy of *Quick Start Guide* (this document)
- One printed *Safety Notes Summary*
- Any other optional items ordered

Top View



Side View



M2.5 shoulder screw

M2.5 screw

Standoff



When installing or servicing the system or accessories, strictly observe the safety precautions in the *Safety Notes Summary*. Ignoring these instructions can void the system warranty and cause personal injury or property damage.

2 ESD

Use ESD protection



Electrostatic discharge and incorrect installation or removal of the card can damage circuit or shorten its life.

Use a properly grounded ESD wrist strap or work in an ESD-safe environment.

Connect to the ESD connector at the front or the rear of the system.

3 Site preparation

For information on the environmental and power requirements, see *PCIE-6001 Installation and Use* manual.

Operating temperatures refer to the temperature of the air circulating around the blade and not to the actual component temperature.

4 Install M2 AHCI or NVMe SSD modules on card

1. Install M2.5 screw and standoff in the PCB hole location based on the length of the M.2 module.
2. Install the M.2 module.
3. Install the M.2 shoulder screw. Torque should not exceed 0.1Nm.

For information, refer to the *PCIE-6001 Installation and Use* manual.

5 Install PCIE-6001 card

1. Turn off the system, including any attached peripherals, and disconnect the system from the electrical outlet and peripheral.
2. Remove the system cover.

3. Insert the PCIE-6001 card into the selected PCIe slot and ensure the card is properly fitted in the PCIe slot, and then secure the card using a panel screw.

Note 1: For more information about installing a PCIe card in a MaxCore Platform, refer to *MaxCore™ MC3000 Platform Installation and Use* manual or for installing in non-SMART EC systems, refer to respective manufacturer's installation and use manuals.

Note 2: In case the system may be exposed to temperatures above room temperature while operated, to optimize the airflow to the PCIE-6001 card it is recommended to install slot filler cards. These filler cards need to be installed in any empty PCIe slot to the right (next higher slot number) of a PCIE-6001 card.

4. Close the system cover.

6 Powering the rack

Push the power button on the system's IO Panel or use the system's Board Management Controller (BMC) web interface to power the system remotely.

Technical Assistance

For technical assistance or to report product damage or shortages, contact your local SMART Embedded Computing sales representative or visit <https://www.smartembedded.com/ec/support/>

Get More Information



For more information on this product, see the *PCIE-6001 Installation and Use* manual and other related technical documentation, which can be found by using the Documentation Search at <https://www.smartembedded.com/ec/support/>.



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