Penguin Edge™ ATCA-7480 Quick Start Guide

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1 Box contents

Make sure you receive all items of your shipment:

- One Penguin Edge™ ATCA-7480 blade
- One printed copy of Quick Start Guide (this document)
- One printed copy of Safety Notes Summary
- Any optional items ordered

Purchase an power input cable for each PSU to operate the system (see step 6).

⚠️ 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 make work in an ESD-safe environment.

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

3 Site preparation

1. Make sure that all environmental and power requirements defined in the *Penguin Edge™ ATCA-7480 Installation and Use* manual are met.
2. Operating temperatures refer to the temperature of the air circulating around the blade and not to the actual component temperature

For more information about connecting cables and power cords, refer to the *Penguin Edge ATCA-7480 Installation and Use* manual.

4 Install the DIMM

Notes:

- Some blade variants come with the DIMM already installed.
- For thermal safety concerns, no 4-rank DIMMs and stacked DIMMS are allowed.

1. Remove the blade from the system.
2. Open the locks of the memory module socket.
3. Press the memory module carefully into the socket. As soon as the memory module is fully inserted, the locks automatically get closed.
4. If necessary, repeat steps 2–3 to install additional memory modules.

5 Install the MO-297 SSD module

1. Remove the blade from the system.
2. Plug the MO-297 SSD module into the ATCA-7480-MMOD carrier.
3. Reinstall the blade into the system. For more information on installing, refer *ATCA-7480 MMOD-SSD-KIT Quick Start Guide*.

6 Install the blade

The following procedure assumes that the system is powered. If it is unpowered, you can disregard the blue LED and skip its respective step.

1. Slide the latch into the release position and pull out the handle outward to unlatch the handle from the face plate. Do not rotate the handle fully outward.
2. Insert the blade into the shelf by placing the top and bottom edges of the blade in the card guides of the shelf. Make sure that the guiding module of shelf and blade are aligned properly.
3. Apply equal and steady pressure to the blade to carefully slide the blade into the shelf until you feel resistance. Continue to push the blade gently until the blade connectors engage.
4. Fully insert the blade and turn the handle towards the face plate. The latches automatically slide inwards and lock the handles. If the shelf is powered, as soon as the blade is connected to the backplane power pins, the blue LED is illuminated.

   When the blade is completely installed, the blue LED starts to blink. This indicates that the blade has signified its presence to the shelf management controller.
5. Wait until the blue LED is switched off and then fasten the faceplate screws, which secure the blade to the shelf. When the blue LED is switched off and the green LED (IS) is switched on, this indicates that the payload has been powered up and the blade is active.
6. Connect cables to the face plate, if applicable.

Note:
If an RTM is connected to the front blade, make sure that the handles of both the RTM and the front blade are closed in order to power up the blade's payload.

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Technical Assistance

For technical assistance or to report product damage or shortages, contact your local Penguin Solutions™ sales representative or visit *https://www.penguinsolutions.com/edge/support/*.

Get More Information

For more information on this product, see the *Penguin Edge™ ATCA-7480 Series Installation and Use* manual and other related technical documentation, which can be found using the Documentation Search at *https://www.penguinsolutions.com/edge/support/*