

ATCA-748X MMOD-KIT Quick Start Guide

P/N: 6806800T15D September 2019

1 Box contents

Make sure you receive all items of your shipment.

The ATCA-748X MMOD-KIT contains:

1. (1) ATCA-748X MMOD carrier
2. (4) 6 mm long (diameter 3 mm) standoffs
3. (8) 4.8 mm long (diameter 3 mm) standoffs
4. (4) M1.6 x 5 mm screws
5. (4) M1.6 x 3 mm screws
6. (1) printed copy of Quick Start Guide (this document)
7. (1) printed Safety Notes Summary
8. Any other optional items ordered

NOTE: This kit does not include ATCA boards or SSD cards.



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

Prior to installation, prepare your site.

For information on the environmental requirements, refer to the *ATCA-7480 Series Installation and Use* manual.

Operating temperature is the temperature of the air circulating around the blade not the actual component temperature.

4 Mount the ATCA-748X MMOD-KIT

NOTE: The torque requirement for the standoffs and the 1.6 mm screws is 0.10 Nm.

To mount the kit, refer to the illustrations on the back page and follow these steps.

1. Remove the ATCA blade from the system
2. Install the SSD card(s) into the ATCA-748X-MMOD carrier
3. Reinstall the ATCA blade into the system

When installing:

- One (1) SSD card, use the bottom-most socket
- Two (2) SSD cards, use the bottom most and the middle sockets
- Reserve any remaining standoffs for future use

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 *ATCA-7480 Series Installation and Use* Manual and other related technical documentation, which can be found using the Documentation Search at <https://www.smartembedded.com/ec/support/>.

ATCA-7480
COTS Blade



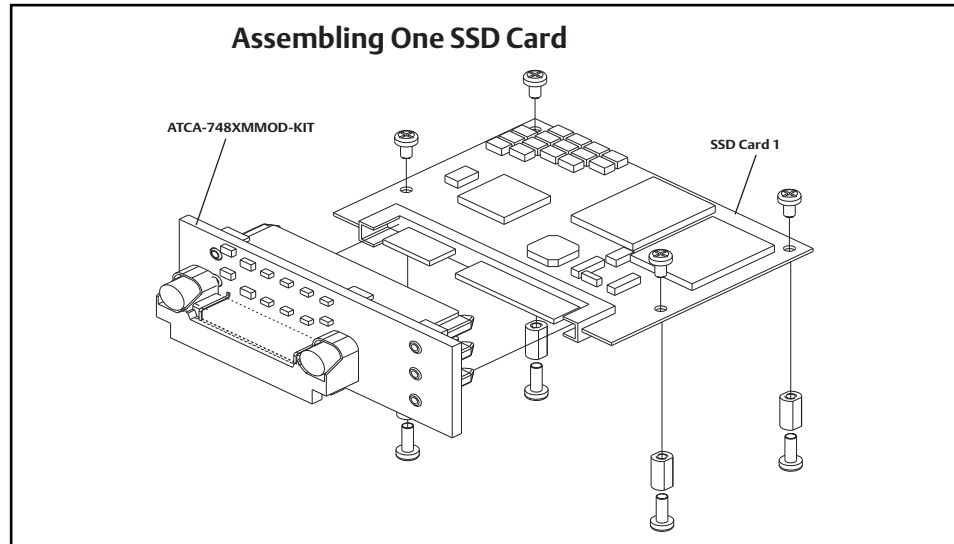
ATCA-7480-D
Ruggedized COTS Blade



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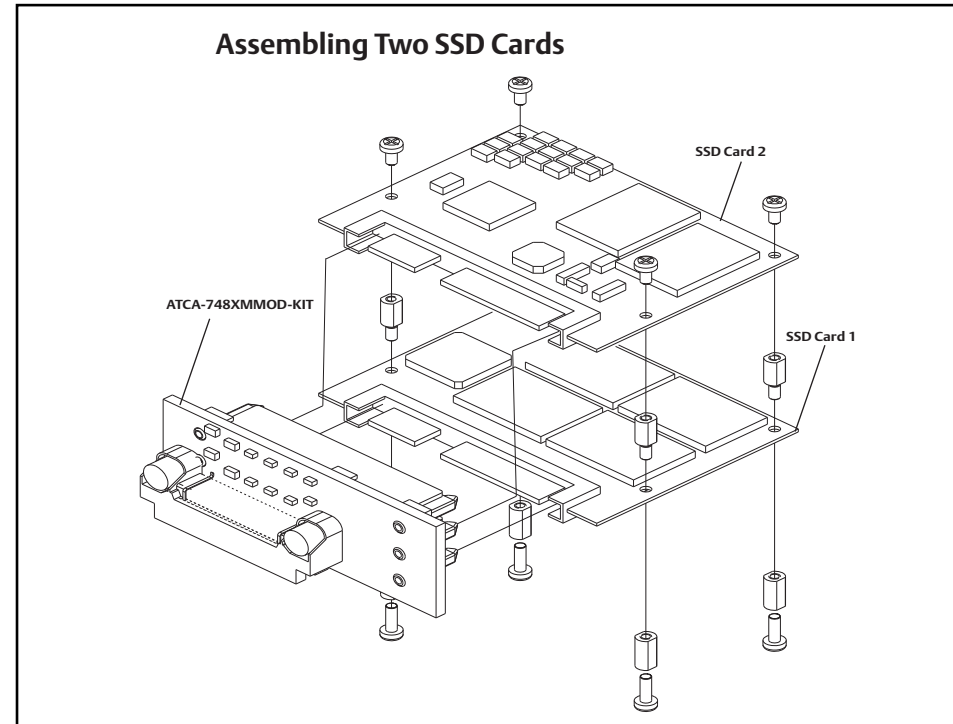


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Assembling one SSD card

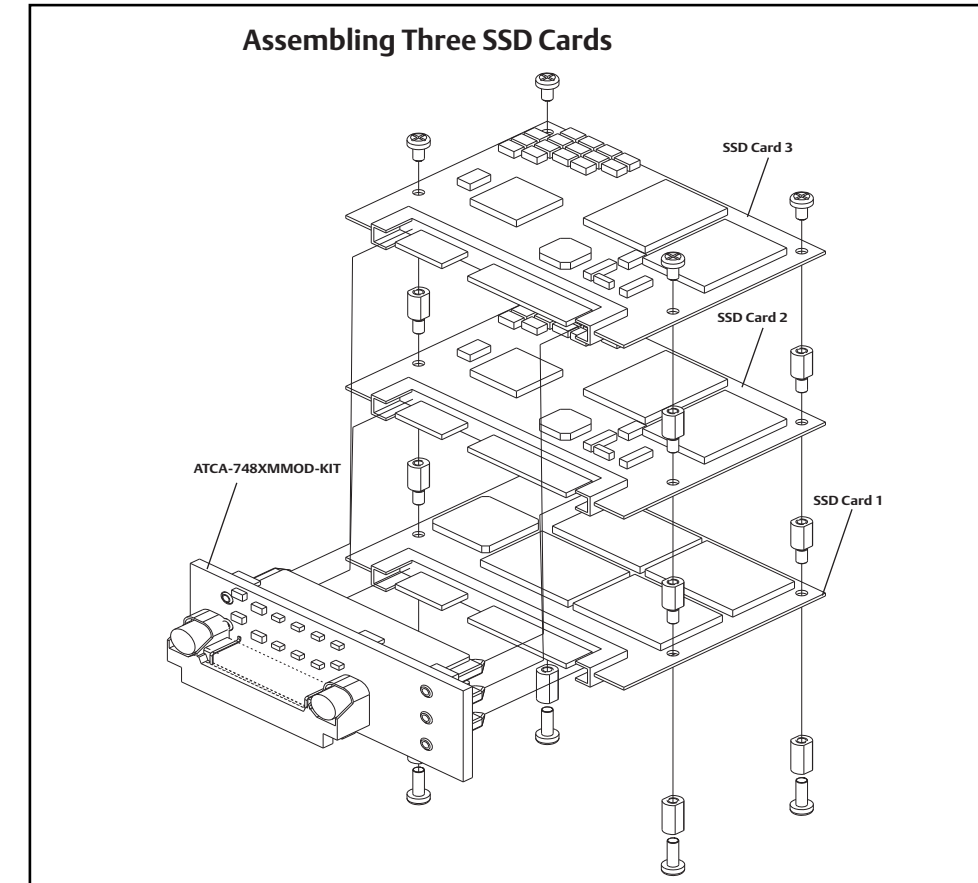
1. Insert (1) SSD card into the bottom most connector.
2. Mount (4) 6 mm standoffs to the mounting holes of the SSD card from bottom.
3. Fasten (4) M1.6 x 3 mm screws to the mounting holes of the SSD card from top.
4. Mount the SSD subassembly to the ATCA blade using (4) M1.6 x 5 mm screws from bottom.



Assembling two SSD cards

1. Insert (1) SSD card into the bottom most connector.
2. Mount (4) 6 mm standoffs to the mounting holes of the SSD card from bottom and (4) 4.8 mm standoffs from top.
3. Insert the second SSD card into the middle connector. Make sure that standoffs are properly aligned with the mounting holes of the SSD card.
4. Fasten (4) M1.6 x 3 mm screws to the mounting holes of the second SSD card from top.
5. Mount the SSD subassembly to the ATCA blade using (4) M1.6 x 5 mm screws from bottom.

Note: If one SSD card exists in the bottom-most connector, unfasten the M1.6 x 3 mm screws, mount the (4) 4.8 mm standoffs to the mounting holes of the first SSD card from top, and repeat steps 3 and 4.



Assembling three SSD cards

1. Insert (1) SSD card into the bottom-most connector.
2. Mount (4) 6 mm standoffs to the mounting holes of the SSD card from bottom and (4) 4.8 mm standoffs from top.
3. Insert the second SSD card into the middle connector. Make sure the standoffs are properly aligned with the mounting holes of the SSD card.
4. Mount (4) 4.8 mm standoffs to the mounting holes of the second SSD card from top.
5. Insert the third SSD card into the top most connector. Make sure that standoffs are properly aligned with the mounting holes of the SSD card.
6. Fasten (4) M1.6 x 3 mm screws to the mounting holes of the third SSD card from top.
7. Mount the SSD subassembly to the ATCA blade using (4) M1.6 x 5 mm screws from bottom.

Note: If two SSD cards exist in the bottom and middle connectors, unfasten the M1.6 x 3 mm screws, and repeat steps 4, 5, and 6.