

aTCA-81514PA

15U 14-slot Dual-Star 40G AdvancedTCA® Shelf

Features

- 19" Rackmount, 15U height, 470mm depth
- 14-slot dual-star topology Fabric Interface
- 14-slot standard Rear Transition Module
- Dual-bussed IPMB
- Hot-swappable IPMC controlled fan trays
- Two shelf management controller slots
- Four 115V AC / 230V AC power supply units

AdvancedTCA®



Specifications

Mechanical

19" Rackmount, 15U height, 470mm depth

Specification

Fits inside a 600 mm deep cabinet (include cable bend area)
Supports 14-slot standard AdvancedTCA® blades and RTMs

Shelf Manager

Dual-hot-swappable Pigeon Point Systems ShMM-700 based ShMCs
Active/Standby mode for high availability applications
Supports multiple management interfaces:
- Remote Management Control Protocol (RMCP)
- Command Line Interface (CLI)
- 10/100BASE-T Fast Ethernet ports and one serial console

Cooling System

Hot-swappable IPMC controlled fan trays
Easily removable replaceable air filter

Backplane

Dual-Star topology Base Interface
Dual-Star topology Fabric Interface
Update channels for active/standby synchronization
Dual-bussed IPMB

Power Input

85VAC to 175V AC / 176V AC to 290V AC
Nominal 115V AC / 230V AC
Four redundant power supply units
Input nominal current 230V@<51A (9000W)
Weight: 29 kg

Operating Temp.

+5°C to +40°C (long term)
-5°C to +55°C (short term)

Storage Temp.

-40°C to +70°C

Humidity

5% to 85%, non-condensing
Dimensions: 483 x 664 x 470mm (W x H x D)
Compliance: PICMG 3.0 Rev. 3.0 compatible
Target Certifications: FCC, CE, UL

Ordering Information

Shelves

- **aTCA-81514PA/DS40AA4**
15U 14-slot Rackmount AdvancedTCA® Shelf, Dual-Star Fabric Topology, Dual-bussed IPMI Bus
2 PPS ShMM-700 based ShMCs
4 power supply units

Power Supply (Optional)

- **aTCA-8AP/PSU3000**
3000W VAC power supply unit

ShMC (Optional)

- **aTCA-8AP/ShMC700**
Pigeon Point Systems ShMM-700 based ShMC

Dimensions

Units: mm

