aTCA-80606PD

6U 6-slot Dual-Star 40G AdvancedTCA® Shelf

Features

- 19” Rackmount, 6U height, 438mm depth
- 6-slot dual-star topology Fabric Interface
- 6-slot standard Rear Transition Module
- Dual-bussed IPMB
- Hot-swappable IPMC controlled fan trays
- Two shelf management controller slots
- Dual -48 V DC power entry modules



Specifications

Mechanical
19” Rackmount, 6U height, 438mm depth

Specification
Fits inside a 600 mm deep cabinet (include cable bend area)
Supports 6-slot standard AdvancedTCA® blades and RTMs

Shelf Manager
Dual-hot-swappable Pigeon Point Systems ShMM-700 based ShMCs
or built-in simple Shelf manager function in intelligent fan trays
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
-40 V DC to -72 V DC
Nominal -48 V DC/ -60 V DC
Dual redundant power entry modules
Input nominal current 48V@66A (3170W)
Weight: 19 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 264 x 438mm (W x H x D)
Compliance: PICMG 3.0 Rev. 3.0 compatible
Target Certifications: FCC, CE, UL

Ordering Information

Shelves

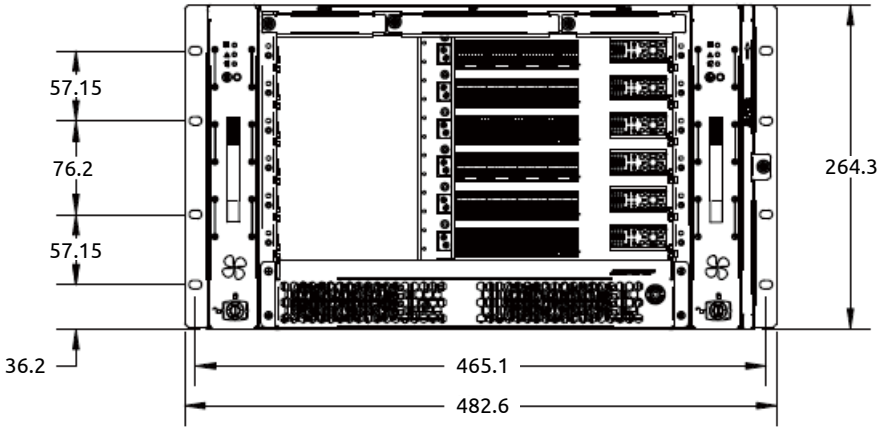
- **aTCA-8606PD/DS40AA**
  6U 6-slot Rackmount AdvancedTCA® Shelf, Dual-Star Fabric Topology, Dual-bussed IPMI Bus
  2 PPS ShMM-700 based ShMCs
- **aTCA-8606PD/DS40S**
  6U 6-slot Rackmount AdvancedTCA® Shelf, Dual-Star Fabric Topology, Dual-bussed IPMI Bus
  Built-in simple ShMC

ShMC (Optional)

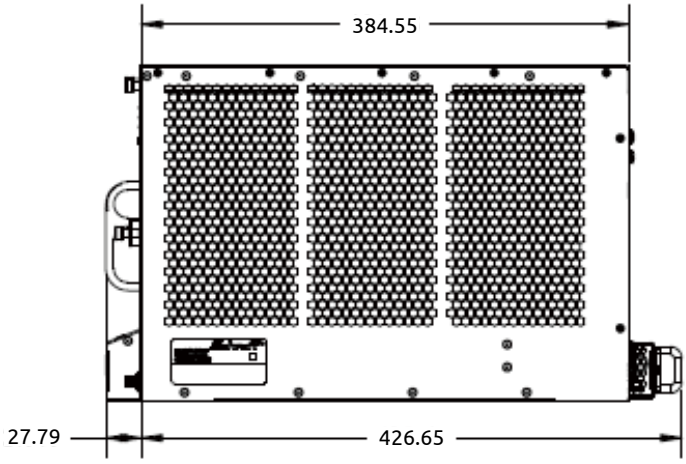
- **aTCA-8AP/ShMC700**
  Pigeon Point Systems ShMM-700 based ShMC

Dimensions

Units: mm



Front View



Side View

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