aTCA-81414PD

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

Features

- 19” Rackmount, 14U 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-48 V DC power entry modules



Specifications

Mechanical
19” Rackmount, 14U 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
-40V DC to -75V DC
Nominal -48 V DC/ -60 V DC
Four redundant power entry modules
Input nominal current 48V@200A (9600W)
Weight: 28 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 620 x 470mm (W x H x D)
Compliance: PICMG 3.0 Rev. 3.0 compatible
Target Certifications: FCC, CE, UL

Ordering Information

Shelves

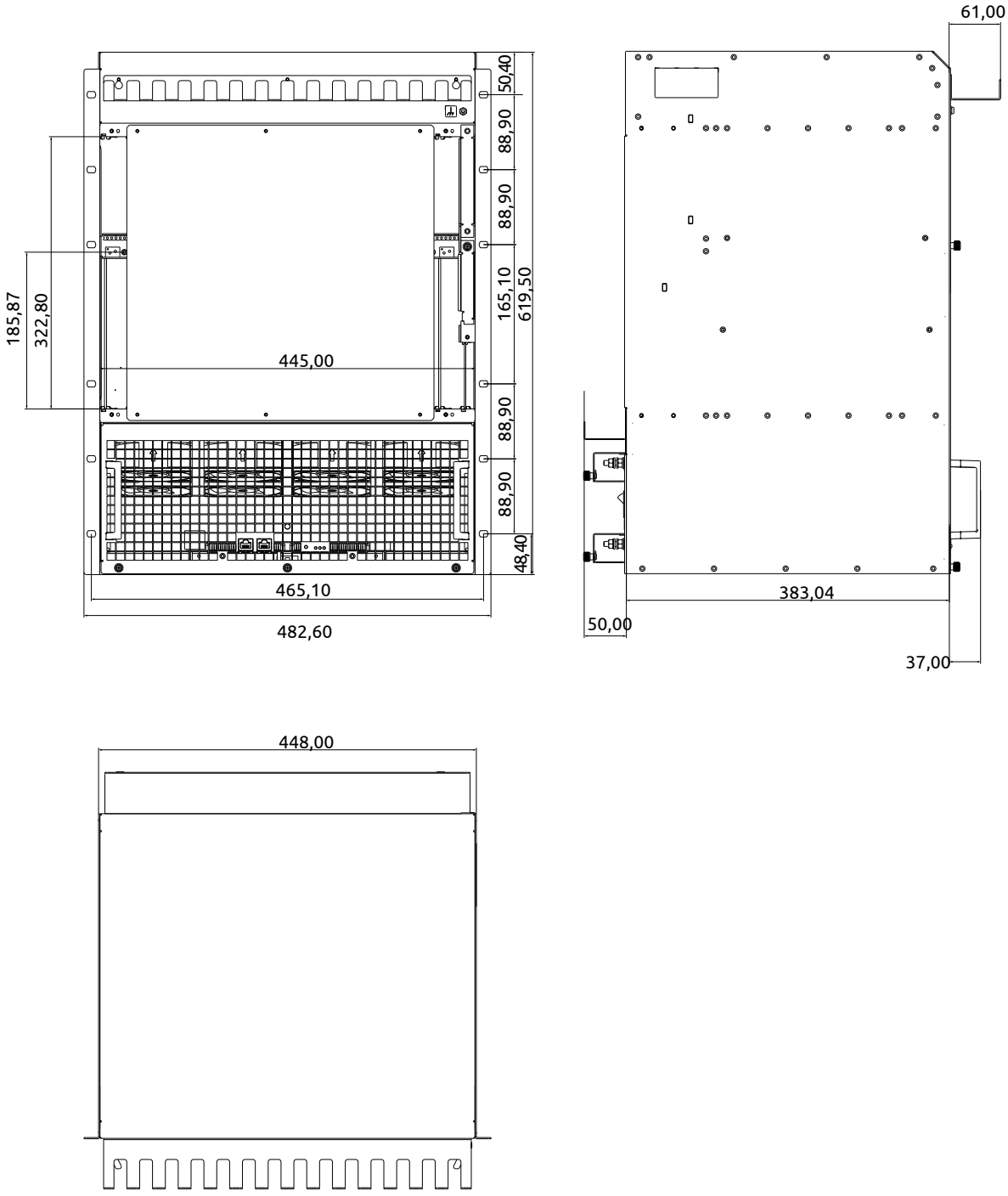
- **aTCA-81414PD/DS40AA**
  14U 14-slot Rackmount AdvancedTCA® Shelf, Dual-Star Fabric Topology, Dual-bussed IPMI Bus
  2 PPS ShMM-700 based ShMCs

ShMC (Optional)

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

Dimensions

Units: mm



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