aTCA-H8314

13U 14-slot Dual-Star/Full-Mesh 40G AdvancedTCA® Shelf

Features

- 19” Rackmount, 13U height, 500 mm 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
- Dual -48 V DC power entry modules



Specifications

Mechanical	19” Rackmount, 13U height, 500 mm 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-500 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	-36 V DC to -72 V DC
	Nominal -48 V DC/ -60 V DC
	Dual redundant power entry modules
	Input nominal current 48V@105W (5040W)
Weight	38 kg
Operating Temp.	+5°C to +40°C
Storage Temp.	-40°C to +70°C
Humidity	5% to 85%, non-condensing
Dimensions	483 x 577 x 500 mm (W x H x D)
Compliance	PICMG 3.0 Rev. 2.0 compatible
Target Certifications	FCC, CE, UL, NEBS Level 3 (design)

Ordering Information

Shelves

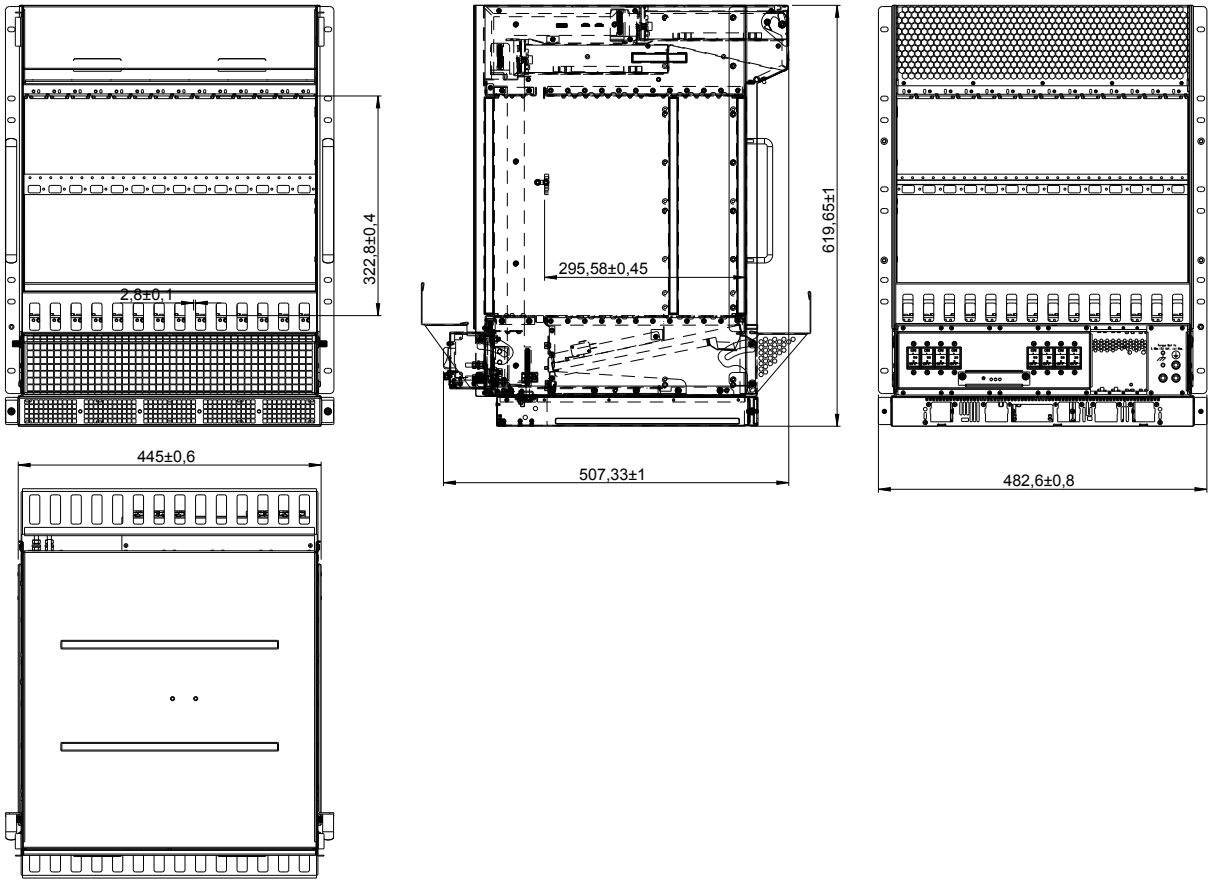
Model Number	Description/Configuration
aTCA-H8314DSAA	13U 14-slot Rackmount AdvancedTCA® Shelf, Dual-Star Fabric Topology, Dual-bussed IPMI Bus

Power Supply (optional)

aPRS-1120	19” Rackmount Power Rack with one 1200 W Power Supply Unit
aPS-91120/48	1200 W 48V Single Output Power Supply Unit

Dimensions

Units: mm



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