aTCA-8202

2U 2-slot AdvancedTCA® Shelf

Features

- 19” rackmount with 2U height and 15.3” depth
- Built-in Layer 2 Base Interface switch
- Dedicated Shelf Management Hub slot
- Dual-bussed IPMB
- No rear transition module (RTM) support
- AC & DC versions

AdvancedTCA®

Specifications

Mechanical	19” rackmount, 2U height, 15.3” depth
Specification	Up to two standard AdvancedTCA® blades
	Dedicated shelf management hub
Shelf Management	**aCMM-2200 Shelf Management Hub**
	Supports multiple management interfaces:
	- Command Line Interface (CLI)
	- Two 10/100/1000BASE-T Gigabit Ethernet ports and one serial console for management access
	- Built-in Layer 2 GbE switch for Base Interface connectivity
Cooling System	Single hot-swappable IPMC controlled fan tray module
	Right-to-left transverse airflow (push cooling)
Backplane	Dual-star topology Base Interface
	Dual-star topology Fabric Interface
	Dual-bussed IPMB
Power Input	**DC version:** -40 V DC to -72 V DC Nominal -48 V DC Single power entry module Carries up to 650 W (A or B)
	AC version: Built-in 650 W AC to -48 V DC power supply unit AC input: 85 - 264 V AC, 47 - 63 Hz
Weight	11.5kg (including power supply)
Temperature	Operating: 0°C to 50°C
	Storage: -20°C to 80°C
Humidity	5% to 95%, non-condensing
Dimensions	432 x 87 x 386.4 mm (W x H x D)
Compliance	AdvancedTCA® Specification PICMG® 3.0 R2.0
Certifications	CE, FCC, designed for NEBS Level 3

Ordering Information

Model Number	Description/Configuration
aTCA-8202/AC	2U 2-slot Rackmount AdvancedTCA® shelf with single aCMM-2200 Shelf Management Hub, built-in 650 W AC to -48 V DC power supply unit
aTCA-8202/DC/NRTM	2U 2-slot Rackmount AdvancedTCA® shelf with single aCMM-2200 Shelf Management Hub (DC power)

Mechanical Layout

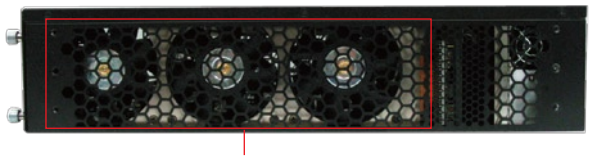
Front View

AC version:

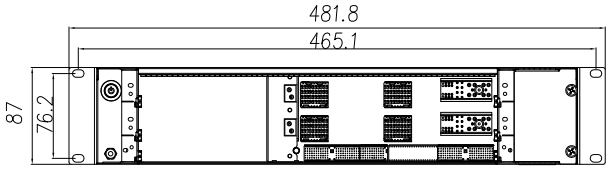
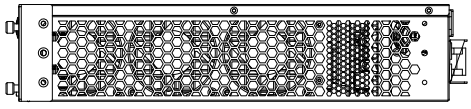
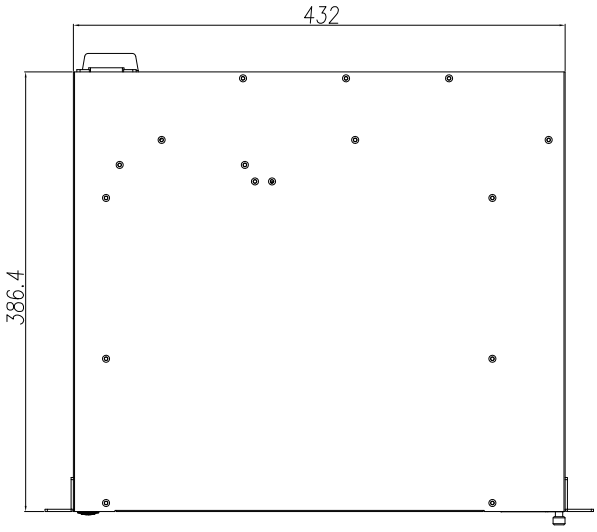
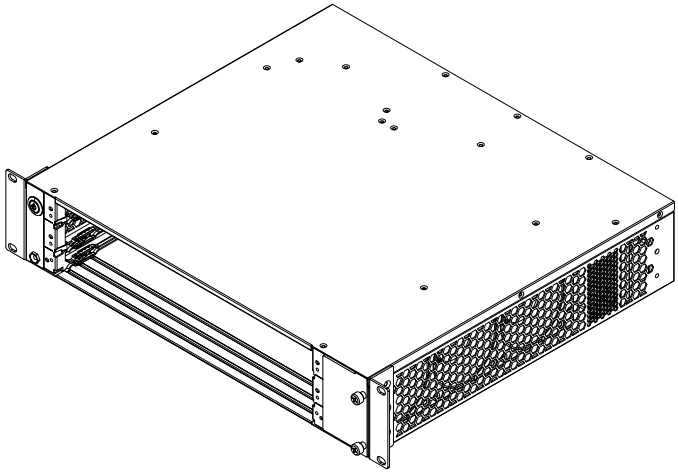
DC version:

Rear View

Shelf Management Hub with Layer 2 GbE switch for Base Interface connectivity



Front access, hot-swappable fan tray

Dimensions

Units: mm