ATCA-5U-5Slots

5U AdvancedTCA® Chassis
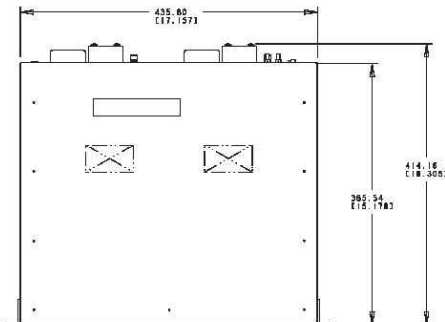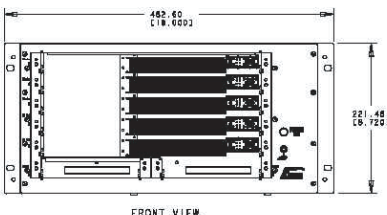**19" Rack Mountable Five slot Full Mesh**
backplane with two ShelfManagers

Special Configurations Available

- 48VDC chassis with Intel Colorado Springs shelf management interface
- 750W AC Chassis with Intel Colorado Springs shelf management interface
- Deployment DC version with removable fan tray with dual Schroff shelf manager interface
- Dual hot swap 800W power supplies - removable from the front with replicated mesh backplane

FEATURES

- Fully assembled and tested chassis
- 19" Rack mountable
- Five (5) slot Full Mesh backplane with interface for two (2) Shelf Managers with bussed IPMB; configuration available with Intel Colorado Springs interface
- Dual 48V DC inputs with power on indicator; AC with 750W also available
- Designed for easy access to top board via removable top cover and cover plate
- Cooling via two (2) 290 CFM fans; cooling for up to 200W per board
- Mounting provisions for five (5) 8U x 280mm ATCA boades Five (5) 8U x 70mm Rear Transition modules, and two (2) schroff 4U x 6HP shelf managers on standard DC unit; AC unit does not have RTM's
- Shielded design to meet NEBS requiements for cooling, noise, and shielding New deployment configuration with front removable fan tray

Backplane

- Five (5) slot Full Mesh backplane with slots numbered from bottom to top (Horizontal mounting in card cage)
- Fabric: wired as a Full Mesh with a full eight (8) pair channel which connects each ATCA board directly to each of the other ATCA boards in the backplane
- IPMB_A and IPMB_B connections are wired as a bus
- Update Channel: routes a full ten (10) pair channel from slot 1 to 2 and slot 3 to 4
- Base Interface: Wired as a dual star. Slot 1 and 2 are the Base Interface hub Slots. The Base Interface routes four (4) pair Base Channels to all slots
- Metallic Test Bus: Two pairs of the Metallic Test Bus signals are routed to all slots Hardware Addressing: Each ATCA slot will be assigned a unique hardware address

Shelf Manager

- ACB II Shelf Manager
- 4U high 6HP wide 280mm deep Shelf Manager
- Based on Pigeon Point Sentry ShMM-300 Shelf Manager
- Bussed IPMB interface
- Includes front panel with ATCA handle and gasketing

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