

CA0505

5U – 5 Slots AdvancedTCA® Chassis



AdvancedTCA®

Ordering Information Specifications

CA0505

5U AdvancedTCA Chassis
 19" Rack Mountable Five slot
 full Mesh backplane with two
 Shelf Managers

Options

Call your local sales contact for
 availability

Features

- Fully assembled and tested chassis
- 19" Rack mountable
- Five (5) slot Full Mesh backplane with interface for two (2) Shelf Managers with bussed IPMP: 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 blades, five (5) 8U x 70 mm 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 requirements 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 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 slots will be assigned a unique hardware address

Shelf Manager

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



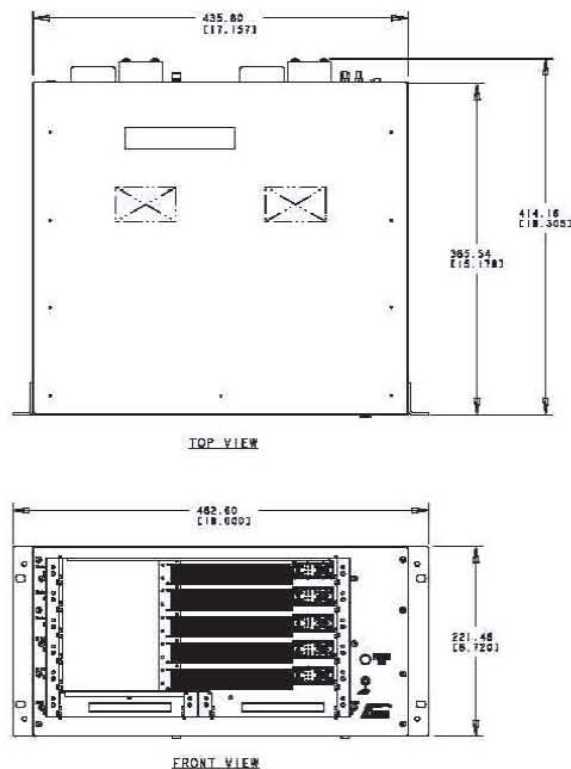
CA0505

5U – 5 Slots AdvancedTCA® Chassis

Special Configurations Available:

- 48VDC chassis with Intel Colorado Spring 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 for the front with replicated mesh backplane

CA0505 Dimension Diagram



For Further Information



Worldwide Headquarters

I-Bus Corporation
 3350 Scott Blvd, Building 54
 Santa Clara, CA 95054
 United States
 Phone : +1 (408) 450-7880
 Fax : +1 (408) 450-7881
Toll Free: 877-777-IBUS
 Email: contact.us@ibus.com

European Headquarters

I-Bus UK Ltd
 Unit 6, Chichester Business Park
 City Fields Way, Tangmere
 West Sussex, PO20 2LB, UK
 Tel: +44 (0) 1243 756300
 Fax: +44 (0) 1243 756301
 Email: contact.uk@ibus.com

France, Italy

I-Bus France
 B.P 45 Valbonne
 06901 Sophia Antipolis CEDEX
 France
 Tel: +33 (0) 493 004 360
 Fax: +33 (0) 493 004 369
 Email: contact.fr@ibus.com