![Atrenne - A Celestica Company logo]

FEATURES AND BENEFITS

- 15.75" H (9U) x 11.6" W x 11.7" D chassis

- 8-slot 6U CompactPCI backplane with front and rear I/O

- (1) 5.25" x 1.63", (1) 3.5" x 1.0" accessible peripheral bay, and (1) 3.5" internal bay

- 320W autosense ATX power supply

- Dual 50/93 CFM fans

- H.110 & hot swap-compliant

- Available with 2.16 or 2.17 fabric backplanes

- One-year limited warranty

The 585 Series Enclosure from Atrenne is a portable 8-slot CompactPCI lightweight aluminum enclosure ideally suited for high availability, demanding requirements in datacom, telecom, industrial automation and mobile test environments.

Highly serviceable and maintainable, the 9U rackmount/benchtop enclosure features a flush card cage that accommodates either five or eight 6U x 160mm CompactPCI boards housed in a vertical orientation. The right-most slot is double-wide and reserved as the system (CPU) slot. The backplanes support H.110, the IPMB as specified in PICMG 2.9 rev. 1.0, 5.0, or 3.3-volt keying and hot swap. Optional 1101.11-compliant 80mm transition I/O cards are supported. One 5.25" x 1.63" device is available on a double-wide carrier card, and two 3.5" x 1.0" devices (one accessible) are available on a single-wide carrier card.

The 585 Series Enclosure includes a five-output, 320W auto-select 90-264 VAC ATX power supply. The cooling subsystem consists of two high-reliability 93 CFM, DC ball-bearing fans and a 35 CFM power supply exhaust fan, lower front air intake, and top exhaust.

DESIGN SPECIFICATIONS:

Physical
- 8-Slot System
  15.75" High (6U) x 11.625" Wide x 11.687"
  D (400.05mm x 295.28mm x 296.85mm)
- Weight: approximately 14.75-16.44 lbs
- .09" Light weight 5052-H32 aluminum alloy,
  grey with medium texture
- Flush card cage
- Carrying handle, rubber feet

Backplane
- VME64 x 5 slot ABG (with the P0 option)
- CPCI 8-slot right justified w/ H.110
- CPCI 2.16 8-slot right justfied
  (7-node slots and 1 switch fabric slot)

Indicators/Controls
- Rear On/Off power Switch

Rear Panel I/O
- One AC Power inlet connector
- IEEE 1101.11 compliant 80mm transition
  module card cage

Thermal Management
- Two brushless ball bearing fans,
  106 CFM for 8-slot model
- Power supply exhaust fan (35 CFM)
- Air ingress through bottom front,
  egress through top

Regulatory
Safety: UL/cUL Recognized to 1950,
CSA C22.2 No. 950, CE mark EN60950
EMC: FCC CFR 47 Part 15 Class A (US),
CISPR 22 CE mark Class A to EN55022
1994/A1:1995/A2:1997 & 50082-1:1997
(Europe), AS/NZS 3548:1995/CISPR 22
Class A (Australia), VCCI Class A (Japan).
ESD: EN61000-4-2,3 (1998), EN61000-4-4
(1995-10).

Reliablity
- MTBF: >50,000 POH.
- One-Year Limited Warranty.

Peripheral Cards
- One 5.25" x 1.63", 8HP
- Two 3.5" x 1.0", one accessible, 4HP

Peripheral Bay Options
- 12HP X 6U (1-CD-ROM takes up 3 slots)
- 8HP X 6U (1-FLOPPY, 1-HD
  takes up 2 slots)
- 8HP X 6U (2-HD takes up 2 slots)

Power Supply Subsystem
- Output Current: 320-Watt ATX
- +5V @ 32A
- +12V @ 11A
- -12V 1.0 A
- -5V 1.0 A
- +3.3V 20A
- Input Voltage: 320 Watt: 90 to 264 VAC,
  47 to 63 Hz
- Fuse protected
- Combined total power from the +3.3v &
  +5v rail shall not exceed 160W.
- Other options available

Environmental

	Operating	Storage / Transit
Temperature:	0 to 50°C (32 to 122° F)	-20 to +60°C (-4 to 140° F)
Humidity:	20 to 90% @ 50°C (122° F) non-condensing	5 to 95% @ 50°C (122° F), non-condensing
Altitude:	15,000 ft. (4,572m.)	50,000 ft. (15,240m.)

15.75" High
11.687" Deep
11.625" Wide
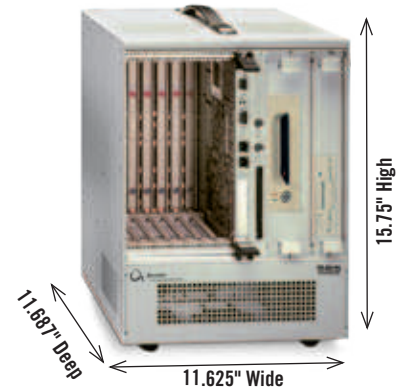
PART NUMBERING / ORDERING INFORMATION:

585 B X X X X X S T - X X X

Series

Width
B = 11.6" (13 Slots)

Power Supply
4 = 1 AC 320W ATX Power Supply

Backplane CPU Slot
NL05 =	VME64X 5 Slot ABG (with P0 option)
RX75 =	CPCI 5-slot right justified (5V Keys)
RV75 =	CPCI 5-slot right justified (3.3V Keys)
RY78 =	CPCI 8-slot right justified w/ H.110 (5V Keys)
RW78 =	CPCI 8-slot right justified w/ H.110 (3.3V Keys)
RF78 =	CPCI 2.16 8-slot right justified (5V keys, 7-node slots and 1 switch fabric slot)
RE78 =	CPCI 2.16 8-slot right justified (3.3V keys, 7-node slots and 1 switch fabric slot)

Stocking Unit

Tower

6U x 12HP Peripheral Shuttle (takes up 3-slots) Provisions for One 5 1/4" Front Accessible Drive
A= No Shuttle
B= One Shuttle
C= Two Shuttles
D= Three Shuttles

6U x 8HP Peripheral Shuttle (takes up 2-slots) Provisions for One 3 1/2" Front Accessible and one 3 1/2" Embedded Drive
A= No Shuttle
B= One Shuttle
C= Two Shuttles
D= Three Shuttles

6U x 8HP Peripheral Shuttle (takes up 2-slots) Provisions for Two 3 1/2" Embedded Drives
A= No Shuttle
B= One Shuttle
C= Two Shuttles
D= Three Shuttles

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