

IPNx Product Specification Version 4.0



Key Features

1. Rittal - 8 Slot 9U Chassis

2. Quad Hot Swap 300W AC Power Supply

3. Intel Processor Card with
 - Single Intel Core 2 Duo® S775 FSB1333 3GHz
 - 6MB cache E8400
 - 1GB DDR2-ECC memory
 - 4 MB Flash
 - 2 x 10/100M Ethernet

4. 3 x 160 GB Hard Disks

5. Ultra Wide SCSI RAID5 Subsystem

Chassis Specification

- Rugged, rack-mountable system chassis with:
 - 8-slot CompactPCI backplane (supports PICMG CompactPCI Full Hot Swap standard).
 - Hot swap fans (dual fan trays optional).
 - EMC-tight front door.
 - IEEE 1001.11 rear transmission board support.

Physical characteristics

- Dimensions:
 - 9U 19" rack-mount standard.
 - 17" W x 18.5" D x 15.75" H.
 - 435 mm x 470 mm x 400 mm.
- Weight:
 - 78 lbs.
 - 35.4 kg.

System Power

- Hot Swap dual/quad (n+1) AC or DC power supplies 300 W with dual fan and power connector per pair
- Maximum inrush current: 30A
- Maximum consumption (230V): 7.5A

Environmental

- Operating Range:
 - Temperature: 5°C to 40°C.
 - Relative Humidity: 20% to 80% at +20°C to +40°C, non-condensing.

Agency Approvals

- CE Declaration of Conformity (EN 50081-1, EN 50082-1, EN 60950).
- FCC Part 15 Class A.
- VCCI Class A.
- UL 1950.

Reliability

Switch Availability: 99.9985% (based on field data for 2003 - 2011)
Minutes down per 10,000 minutes running: 15.22 (based on field data for 2003 - 2011)
MTBF Figure for the CP1500 Processor Card 151,479 Hours
MTBF Figure for TP1610 16 E1, 480 channel VoIP Card 174,672 Hours
MTBF Figure for TP1610 8 E1, 240 channel VoIP Card 232,774 Hours

Communications Cards

ISDN, E1, STM1, SS7 - Audiocodes TP6310, TP1610
VoIP - Audiocodes TP1610 (120 - 480 channels)