IEC-830

19" 4 U Fault Resilient and Shielded Rackmount Chassis

Hold-down clamp to protect cards from vibration

14-slot passive backplane up to 12 PCI slots or 64-bit 12 PCI passive backplane

Standard with 250 AT or ATX PS/ 2 power supply. Optional 2 x 300 W Mini-redundant Power Supplies is also available
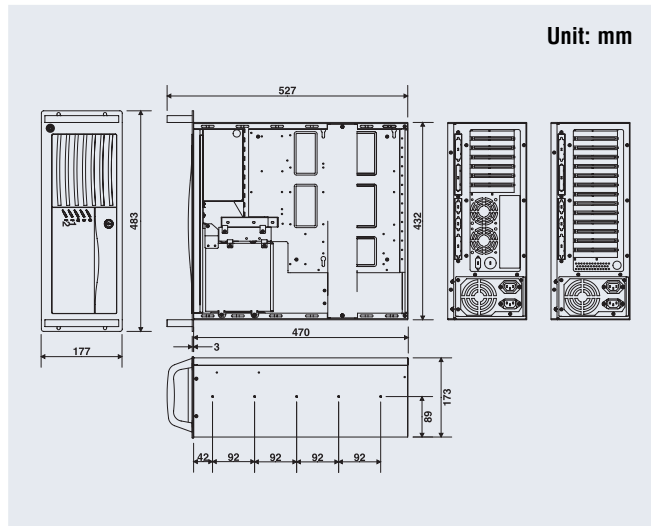
Cooling fan with replaceable air filter

Large drive bay with space for up to three 5.25" drives and three 3.5" drives offers space to RAID subsystem

LED fault detection and alarm; power On/Off & system reset buttons

64-bit Solution

Specifications

- **Construction:** Heavy-duty steel chassis
- **Color:** Pantone 414C
- ATX motherboard version (optional)
- **Disk Drive Bay:**
  - 5.25" Drives: 3 (Front Accessible)
  - 3.5" Drives: 3 (One accessible from front)
- **Drive Bay features:** Shock resistant protect against vibration/shock
- Offering space to IDE-based RAID subsystem
- One 12cm/120 CFM cooling fan with removable filter fron front panel
- **Air Filter:** Replaceable from front panel
- Lockable front door to protect disk drives and switches
- **Controls on Front Panel:** Power On/Off, System reset and alarm reset buttons
- **Indicators on Front Panel:** Five LEDs for Power On, HDD activity, fan failure alarm, Temperature 1 alarm and Temperature 2 alarm
- **Keyboard connector:** Pre-wired 5-pin DIN connector on front panel
- **Fault detection and Alarm:** Up to 8 separated fans can be monitored, 2 places inside the chassis the temperature can be measured
- **Speaker:** One 8-ohm speaker mounted on fan housing
- **EMI:** FCC Class B, UL1950, CSA, CE, TUV
- **Supports 250W PS/2 AT/ATX or mini-redundant ATX power supply**
- **Operating Humidity:** 0~45°C (0~75°C non-operating)
- **Relattue Humidity:** 10 to 95%, @25°C, non-condensing
- **Dimension (W x H x D):** 482 x 177 x 478 mm (19" x 7" x 18.8")
- **Carton Dimension (W x H x D):** 650 x 560 x 320 mm (25.6" x 22" x 12.6")
- **Net Weight:** 12.5 kg (27.5 lb)
- **Gross Weight:** 27.5 kg (35.2 lb)

Backplanes

Model Name	System	Amount of Slots
PBI-14SA	Single	14 ISA
PBPI-14SA	Single	8 ISA / 2 PICMG / 4 PCI
PBPI-14P7	Single	5 ISA / 2 PICMG/ 7 PCI with PCI bridge
PBPI-14S2	Mirrored	8 ISA / 2 PICMG/ 4 PCI
PBPX-14P12	Single	1 ISA/ 2 PICMG / 12 PCI
PBPX-14P12-64	Single	2 ISA/ 2 PICMG / 12 PCI (64-Bit)

Power Supplies

Model Name	Watt	Input Range	Output Voltage	Min.load
IPS-ZKS-250AE	250W (AT)	90~135V AC 180~260V AC 47~63Hz	+5V@25A +12V@10A -5V@0.2A -12V@0.7A	+5V@2.5A +12V@0.4A
PS-ZKS-250WX-B	250W (ATX)	90~135V AC 180~260V AC 47~63Hz	+5V@25A +12V@10A -5V@0.5A -12V@1A	+5V@3A +12V@8A
IPS-ZKS-300WX	300W (ATX)	90~135V AC 180~260V AC 47~63Hz	+5V@30A +12V@12A -5V@0.5A -12V@1A	+5V@3A +12V@8A
IPS-TC-300R8	300W (ATX) Redundant	96~132V AC 192~264V AC 47~63Hz	+5V@30A +12V@12A -5V@0.5A -12V@1A	+5V@3A +12V@8A -5V@0.1A -12V@0.1A

Dimension Diagram

Unit: mm

527
483
432
177
3
470
89
173
42 92 92 92 92

Ordering Information

IEC-830A
19" 4U Fault Resilient and Shielded Rackmount Chassis for ATX Motherboard

IEC-830A-AX250
19" 4U Fault Resilient and Shielded Rackmount Chassis for ATX Motherboard with 250W PS2 ATX Power Supply, without Motherboard

IEC-830A-AX300
19" 4U Fault Resilient and Shielded Rackmount Chassis for ATX Motherboard with 300W PS2 ATX Power Supply, without Motherboard

IEC-830B-C14A-AX250
19" 4U Fault Resilient and Shielded Rackmount Chassis with 8 ISA/2 PICMG/4 PCI Backplane, 250W PS2 ATX Power Supply

IEC-830B-C14A-AX300
19" 4U Fault Resilient and Shielded Rackmount Chassis with 8 ISA/2 PICMG/4 PCI Backplane, 300W PS2 ATX Power Supply

IEC-830B-C14A-MX300
19" 4U Fault Resilient and Shielded Rackmount Chassis with 8 ISA/2 PICMG/4 PCI Backplane, Mini-redundant 2 x 300W Power Supply

ARBOR

Slot Computing