

IPC44411



4U Rugged Rack Mount Server 14 Slot Passive

Key Features

- Standard I/O chassis, 14 slot, positive pressure cooling
- 20" deep chassis designed for military and harsh industrial environments
- PICMG passive backplane with single board computer
- Minimum 700 watt AC auto-switching power supply, hot swap power supply option
- Latest Intel and AMD processors
- (4) x 5.25" and (1) x 3.5" front accessible drive bays
- (2) x fixed 3.5" SATA HDD or SSD
- 0-50°C operating temperature

Product Highlights

The IPC44411 4U rack mount server provides a compact, versatile, rugged 4U platform offering high reliability for the most demanding applications. Intel or AMD processor based architecture provides the highest performance available. The 20" deep chassis with positive pressure front cooling allows for 50°C operating temperatures at a 100% load.

The IPC44411 4U server is an extreme duty system designed for military operations, oilfield services, and a multitude of other rugged industrial applications. With a compact design that saves space and weight, the IPC44411 4U server offers great value and performance without the associated high cost. Custom integration and testing is available for dock-to-stock solutions.



Specifications

CHASSIS

Material	Gauge steel, powder coated
Indicators	Power & drive LED's
Controls	Power ON/OFF, system reset, keyboard connector
Dimensions	(W x D x H) 19" x 20" x 7"

SYSTEM BOARD

Backplane	PICMG 1.0 to 1.3 passive backplane with combination of 14 PCI, ISA, PCIe, PCI-X slots
SBC	Accepts full size SBC and plug-in cards. All plug-in cards and memory stabilized by dual hold down bars and card brackets.

CPUs

Intel	Latest Intel processor
AMD	Latest AMD processor

COOLING

Front	(1) x 120mm front intake ball-bearing fan
Auxiliary Fans	Power supply and processors

POWER

Power Supply	PS/2 700 watt auto range 110/220 VAC
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RUGGEDIZATION

System	10 Point Survivor Technology
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DRIVE BAYS

Front Accessible	(4) x 5.25" and (1) x 3.5" drive bays mounted on removable plates locking into a drive frame
Internal	(2) x 3.5" hard drives

ENVIRONMENT

Temperature	0° to 50° C
Humidity	5% to 95% Non-condensing
Altitude	Up to 10,000 feet

OPTIONS

Redundant power supply
 VDC Power Supply
 Rack mount slide assemblies
 Custom color and logo