

IPC4377



3U Rugged Rack Mount Server Reverse I/O Space Saver Series - 13" Deep

Key Features

- Front Access I/O Chassis, 7 Slot, Positive Pressure Cooling
- 13" Deep Chassis Designed for Harsh Environmental Conditions
- Active ATX Motherboard Architecture
- 600 Watt AC Auto-Switching Power Supply
- (2) x Latest Intel E5-2600 CPU
- (1) x Latest NVIDIA Quadro GPU
- (2) x Removable SSD, (1) x Slimline DVD
- (2) x Front Accessible USB Ports
- MIL-STD-810G Shock & Vibration
- 10 Point Survivor Technology
- 0-50°C Operating Temperature

Product Highlights

The IPC377 3U rack mount server with reverse I/O provides a compact, versatile, rugged 3U platform offering high reliability for the most demanding applications. Dual Intel Xeon E5-2600 processor based architecture and NVIDIA Quadro GPU provide the highest performance available. The 13" deep chassis with positive pressure front cooling allows for 50°C operating temperatures at a 100% load.

The IPC377 3U server is configured with a standard ATX motherboard and 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 IPC377 3U 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	.060" 5052-H32 Aluminum (Gold Alodine)
Front Panel	.190" Alum Black Powder Coat
Indicators	Power & Drive LED's
Controls	Power ON/OFF, System Reset, USB
Dimensions	(W x D x H) 19" x 13" x 5.25"

SYSTEM BOARD

Type	Shock-Mounted 7 Slot ATX Form Factor Motherboard
CPUs	
Intel	(2) x Latest Intel Xeon E5-2600 Series Processor
GPUs	
NVIDIA	(1) x Latest NVIDIA Tesla or Quadro GPU
I/O	
Features	Front I/O Access Design (2) x Front Accessible USB 3.0 Ports

POWER

Power Supply	600 Watt 28VDC Redundant Power Supply
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RUGGEDIZATION

System	10 Point Survivor Technology
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DRIVE BAYS

Front Accessible	(2) x Removable SSD and (1) x Slimline DVD
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ENVIRONMENT

Temperature	0° to 50° C
Humidity	5% to 95% Non- Condensing
Altitude	Up to 10,000 Feet
Vibration	Method 514.6, Annex C, Category 4, Figure : 514.6C-1 and Table: 514.6C-II.
Shock	Method 516.6, Procedure 1 (20G, 15ms)

MIL-STD-810G Shock and Vibration.

Note: Systel maintains an on-site environmental lab for shock and vibration testing. As an added benefit we can test the many different combinations for operating and non-operating profiles to meet transportation, airframe and shipboard applications.

OPTIONS

Rack Mount Slide Assemblies
Riser Card PCI, PCIe, PCI-X
Configuration
Rear Cable Management System
Custom Color and Logo