

IPC4111



1U Rugged Rack Mount Server Reverse I/O

Key Features

- Reversed I/O chassis, 1 slot
- 22" deep chassis designed for harsh industrial environments
- Extended ATX motherboard architecture
- Minimum 700 watt AC auto-switching power supply
- Latest Intel and AMD processors
- Two fixed internal shock mounted SATA hard drives, rotational or solid state
- MIL-STD-810G shock & vibration
- 10 Point Survivor Technology
- 0-50°C operating temperature

Product Highlights

The IPC4111 1U rack mount server provides a compact and versatile 1U server platform offering high reliability. The latest Intel or AMD processor based architecture provides the highest performance available. Reversed I/O allows for seamless cable management.

The IPC4111 1U 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 IPC4111 1U 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	.063 5052-H32 aluminum chassis w/ gold alodine finish. 18 ga. cold rolled steel with zinc electroplate & yellow chromate front I/O panel.
Indicators	Power & drive LED's
Controls	Power on / off, system reset, USB
Dimensions	(W x D x H) 17" x 22" x 1.72"

SYSTEM BOARD

Type	Accepts standard and extended ATX form factor motherboards. 1 slot riser.
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CPUs

Intel	Latest Intel processor
AMD	Latest AMD processor

COOLING

Front	(11) x CFM ball-bearing power supply fans
Mid Chassis	(3) x 25 CFM ball-bearing fans
Back Chassis	(6) x 11 CFM ball-bearing fans

POWER

Power Supply	700 watt auto-switching. 110/220 VAC
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RUGGEDIZATION

Systel	10 Point Survivor Technology
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DRIVE BAYS

Internal	Two shock mounted 3.5" or 2.5" bays
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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

12/24 VDC power supply
 Rack mount slide assemblies
 Riser card PCI, PCIe, PCI-X config
 Rear cable management system
 Custom color and logo