

IPC4238



2U COTS Rack Mount - 3 Slot Active Extreme Industrial Computer

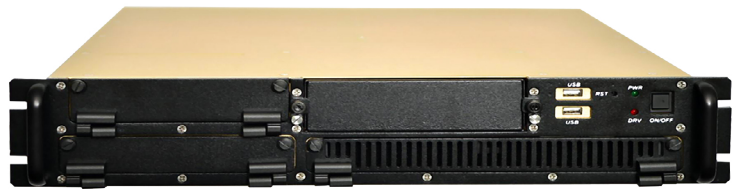
Key Features

- Standard I/O chassis, 3 slot, positive pressure cooling
- 19" deep chassis designed for military and harsh industrial environments
- Active ATX motherboard architecture
- Minimum 700 watt AC auto-switching power supply
- Latest Intel and AMD processors
- One removable shock mounted hard drive, rotational or solid state
- One 5.25" drive bay, Notebook DVD/RW and floppy
- MIL-STD-810G shock & vibration
- 10 Point Survivor Technology
- 0-50°C operating temperature.

Product Highlights

The IPC4238 2U rugged rack mount server provides a compact and versatile 2U server platform offering high reliability. Intel or AMD processor based architecture provides the highest performance available. Active CPU board options enable maximum flexibility and configuration.

The IPC4238 2U 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 IPC4238 2U 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" aluminum w/ gold alodine chassis and .190" aluminum front panel powder coated. 18 ga. steel back panel
Front Panel	Black or custom colors
Indicators	Power & drive LED's
Controls	Power on / off, system reset, USB
Dimensions	(W x D x H) 17" x 19" x 3.47"

SYSTEM BOARD

Type	Accepts both standard and extended ATX form factor motherboards, 3 slots riser
CPUs	
Intel	Latest Intel processor
AMD	Latest AMD processor

COOLING

Front	Up to (6) x 16.5 CFM ball-bearing fans
Rear	(3) x 12.5 CFM ball-bearing fans
Front Filter	Removable and washable

POWER

Power Supply	700 watt auto-switching. 110/220 VAC, removable for replacement
---------------------	---

RUGGEDIZATION

System	10 Point Survivor Technology
---------------	------------------------------

DRIVE BAYS

Front Accessible	(1) x 3.5" removable hard drive and (1) x 5.25" bay. One slim-line notebook DVD/RW and floppy.
-------------------------	--

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

- DC power supply
- Rack mount slide assemblies
- Rear cable management system
- Riser card PCI, PCIe, PIC-X config.
- Custom color and logo