

RPC-520FT

19" 4U rack-mount fault tolerant server (FTS) chassis



FEATURE

- 19" 4U rack-mount chassis meets EIA RS-310C industrial standard
- Rugged construction and design for harsh industrial environment
- Front swappable PS/2 redundant power supply
- Designed for replaceable RAID disk
- Six 5.25" drive bays for various RAID configuration (one for CDROM drive or RAID controller and five for RAID mobil racks)
- Three 12cm ball-bearing cooling fans generate positive air to have better ventilation
- Special design, multiple (4 or 2) systems installable
- Safety-approved PS/2 hot swappable redundant power supply installed
- Safety-approved PS/2 hot swappable redundant power supply installed

ORDERING GUIDE

RPC-520FT-20Q3-270RD1

19" 4U rack-mount FTS chassis with 20-slot 4-system PICMG backplane and 250W redundant power supply

RPC-520FT-19P4-270RD1

19" 4U rack-mount FTS chassis with 19-slot (4xPCI) PICMG backplane and 250W redundant power supply

RPC-520FT-18D4-270RD1

19" 4U rack-mount FTS chassis with 18-slot dualsystem backplane and 250W PS/2 redundant

RPC-520FT-MX-270RDX1

19" 4U rack-mount FTS chassis for ATX M/B with 250W PS/2 redundant power supply



▲ Top view of RPC-520FT

General

Construction	Heavy-duty steel
Drive Bay	External: 5.25" x6
Cooling Fan	Three ball-bearing fans between RAID devices and the system
Switch	System reset x4
Standard Color	Beige, Black
Dimension	482(W) x 638(D) x 177(H) mm; 19"(W) x 25.1"(D) x 7"(H)
Weight	Net: 23 kg (51.1 lb); Gross: 25 kg (55.6 lb)
Backplane	PBP-19AI: 19-slot (18xPCI) active PICMG backplane PBP-19AC: 19-slot (12xPCI) active PICMG backplane PBP-19P4: 19-slot (4xPCI) PICMG backplane PBP-18D4: 18-slot dual-system PICMG backplane ATX M/B installable

Power Supply (ORION-450AX optional)

Maximum Output	250W
Output Voltage & Current	+5V@30A, +12V@16A, -5V@0.5A, -12V@0.5A +5V & +12V: max. 240W
Input Voltage	90V ~ 132V, 180V ~ 264V AC selectable
Input Frequency	47 ~ 63 Hz
Input Current	6A@115V, 3A@230V
Efficiency	> 75%
MTBF Reliability	176,000 hrs
Certification	UL, CSA, TUV, FCC, CE

Environment

Operating Temperature Range	0 to +40°C
Storage Temperature Range	0 to +70°C
Relative Humidity	5% to 95%, non-condensin