

RPC-520FT

19" 4U Rack-mount Fault Tolerant Server (FTS) Chassis



- ◆ 19" rack-mount chassis meets EIA RS-310C industrial standard
- ◆ Rugged construction and design for harsh industrial environment
- ◆ Front swappable PS/2 type redundant PSU
- ◆ Design for replaceable RAID disk
- ◆ Six 5.25" drive bays for various RAID configuration
- ◆ 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 type hot swap redundant PSU installed

Ordering Guide

RPC-520FT-20Q3-270RD1

19" 4U rack-mount FTS chassis with 20-slot 4-system PICMG Backplane and 500W redundant PSU

RPC-520FT-19P4-270RD1

19" 4U rack-mount FTS chassis with 19-slot PICMG Backplane and 450W redundant PSU

RPC-520FT-18D4-270RD1

19" 4U rack-mount FTS chassis with dual-system Backplane and 500W PS/2 type redundant PSU



▲ Top view of RPC-520FT



Specifications

General

Construction	Heavy-duty steel
Cooling	Three ball-bearing fans between RAID devices and the system and one within the power
Disk Drive Housing	Six 5.25" drive bays, one for CD-ROM drive or RAID controller and five for RAID disks
Switch	Four reset & power On/Off
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: 23kg (51.1lb) Gross: 25kg (55.6lb)

Backplane

20-slot PICMG 4-system Backplane

19-slot PICMG 18xPCI active Backplane

19-slot PICMG 12xPCI active Backplane

19-slot PICMG 4xPCI Backplane

18-slot PICMG dual-system Backplane

ATX M/B installable

Power Supply (BPS-270RD-1)

Maximum Output	500W
Output Voltage & Current	+5V@30A, +12V@14A (max. 240W), -5V@0.5A, -12V@0.5A
Input Voltage	90 - 132V/180 - 264V Auto-range
Input Frequency	47Hz - 63Hz
Input Current	6A@115V, 3A@230V
Efficiency	Min. 75%
MTBF Reliability	Min. 50,000 hours at 25°C (70°F)
Safety	UL/CUL/TUV/CE

Environment

Operating Temperature	0 to +55°C
Storage Temperature	0 to +70°C
Relative Humidity	5 to 95% non-condensing