

# 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 CD-ROM 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

## General

<b>Construction</b>	Heavy-duty steel
<b>Drive Bay</b>	External: 5.25" x6
<b>Cooling Fan</b>	Three ball-bearing fans between RAID devices and the system
<b>Switch</b>	System reset x4
<b>Standard Color</b>	Beige, black
<b>Dimension</b>	482(W) x 638(D) x 177(H) mm; 19"(W) x 25.1"(D) x 7"(H)
<b>Weight</b>	Net: 23 kg (51.1 lb); Gross: 25 kg (55.6 lb)
<b>Backplane</b>	20-slot 4-system PICMG backplane 19-slot (18xPCI) active PICMG backplane 19-slot (12xPCI) active PICMG backplane 19-slot (4xPCI) PICMG backplane 18-slot dual-system PICMG backplane ATX M/B installable

## Ordering Guide

<b>RPC-520FT-20Q3-270RD1</b>	19" 4U rack-mount FTS chassis with 20-slot 4-system PICMG backplane and 250W redundant power supply
<b>RPC-520FT-19P4-270RD1</b>	19" 4U rack-mount FTS chassis with 19-slot (4xPCI) PICMG backplane and 250W redundant power supply
<b>RPC-520FT-18D4-270RD1</b>	19" 4U rack-mount FTS chassis with 18-slot dual-system backplane and 250W PS/2 redundant power supply
<b>RPC-520FT-MX-270RDX1</b>	19" 4U rack-mount FTS chassis for ATX M/B with 250W PS/2 redundant power supply

## Power Supply (BPS-270RD-1)

<b>Maximum Output</b>	250W
<b>Output Voltage &amp; Current</b>	+5V@30A, +12V@16A, -5V@0.5A, -12V@0.5A +5V & +12V: max. 240W
<b>Input Voltage</b>	90 - 132V, 180 - 264V AC selectable
<b>Input Frequency</b>	47 ~ 63 Hz
<b>Input Current</b>	6A@115V, 3A@230V
<b>Efficiency</b>	Min. 75%
<b>MTBF Reliability</b>	Min. 176,000 hrs at 25°C (70°F)
<b>Certification</b>	UL, CUL, TUV, CE

## Environment

<b>Operating Temperature Range</b>	0 to 55°C
<b>Storage Temperature Range</b>	0 to 70°C
<b>Relative Humidity</b>	5 to 95% non-condensing



▲ Top view of RPC-520FT