

# RPC-520

## 19" 20-slot 4U Industrial Rack-mount PC Chassis



- ◆ 19" rack-mount chassis meets EIA RS-310C industrial standard
- ◆ Rugged construction suitable for harsh industrial environment
- ◆ Lockable front door for dust-proof and running security
- ◆ Power On/Off switch with LED indicator and a reset switch inside the lockable door
- ◆ Replaceable air filter for easy cleaning
- ◆ Three cooling fans and easily installed drive bracket with shock-resistant cushion and well-conductive rubber
- ◆ Removable disk drive bracket for 5 devices (3.5"x3, 5.25"x2)
- ◆ Support 20-slot ISA, 19-slot PICMG & multiple-system backplanes
- ◆ Safety-approved 450W ATX PSU installed

### Ordering Guide

#### RPC-520-20I-450AX

19" 4U industrial chassis with 19-slot ISA Backplane and 450W PSU

#### RPC-520-20Q3-450AX

19" 4U industrial chassis with 20-slot 4-system PICMG BP and 450W PSU

#### RPC-520-19AI-450AX

19" 4U industrial chassis with 19-slot PICMG BP (18xPCI) and 450W PSU

#### RPC-520-19AC-450AX

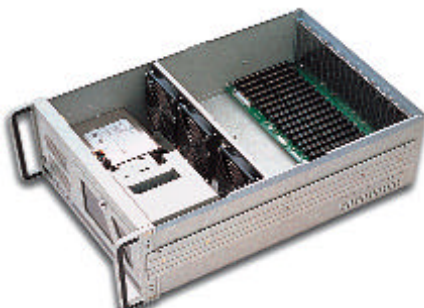
19" 4U industrial chassis with 19-slot PICMG BP (12xPCI) and 450W PSU

#### RPC-520-19P4-450AX

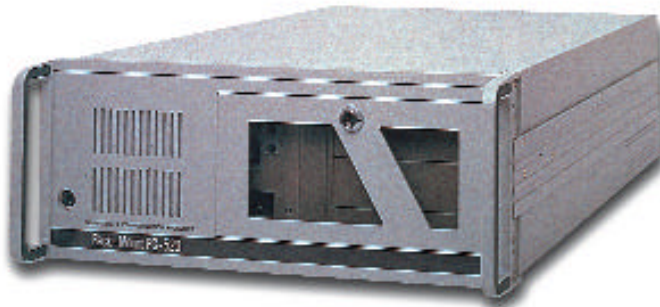
19" 4U industrial chassis with 20-slot ISA BP and 450W PSU

#### RPC-520-18D4-450AX

19" 4U industrial chassis with 18-slot dual-system PICMG BP and 450W PSU



▲ Top view of RPC-520



### Specifications

#### General

<b>Construction</b>	Heavy-duty steel
<b>Air Filter</b>	One removable front-panel filter
<b>Cooling</b>	Three cooling fans behind the fan filter panel and one within the PSU
<b>Disk Drive Housing</b>	Five drive bays, 3.5"x3, 5.25"x2
<b>Indicator</b>	LED indicators for HDD and power On/Off
<b>Switch</b>	K/B lock, reset & power On/Off
<b>Keyboard Connector</b>	AT-connectors at both front and rear panel
<b>Standard Color</b>	Light gray
<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: 23kg (51.1lb) Gross: 25kg (55.6lb)

#### Backplane

<b>20-slot ISA Backplane</b>
<b>20-slot PICMG 4-System Backplane</b>
<b>19-slot PICMG 18xPCI active Backplane</b>
<b>19-slot PICMG 12xPCI active Backplane</b>
<b>19-slot PICMG 4xPCI Backplane</b>
<b>18-slot PICMG dual-system Backplane</b>

#### Power Supply (ORION-450AX)

<b>Maximum Output</b>	450W
<b>Output Voltage &amp; Current</b>	+5V@40A, +12V@17A, +3.3V@28A, -5V@0.5A -12V@1.5A, +5V&+3.3V (max. 225W)
<b>Input Voltage</b>	95 - 132V/185 - 264V Auto-range
<b>Input Frequency</b>	47Hz - 63Hz
<b>Input Current</b>	7A@115V, 4A@230V
<b>Efficiency</b>	Min. 70%
<b>MTBF Reliability</b>	Min. 50,000 hours at 25°C (70°F)
<b>Safety</b>	UL/CSA/TUV/FCC/CE

#### Environment

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