



### FEATURES

- Single power supply with higher +12V output for Pentium® 4 processor
- Cooling tunnel design for expiring heat generated by CPU
- Power cable routed beneath the cooling tunnel to avoid disturbance of air path
- Two PCI expansion slots for adding more functions to system

### GENERAL

|                |   |
|----------------|---|
| Construction   | Heavy-duty steel  |
| Drive Bay      | External: NB CD-ROM x1 (or equivalent CD-RW / DVD-ROM) + NB FDD x1<br>Internal: 3.5" HDD x2 |
| Air Filter     | N/A   |
| Cooling Fan    | One 12cm ball-bearing fan   |
| Indicator      | Power on/off x1, HDD x1   |
| Switch         | Power on/off x1, System reset x1  |
| Speaker        | N/A   |
| Connector      | Two USB connectors on the front panel, reserved one COM port cutout                         |
| Standard Color | Black   |
| Dimension      | 481(W) x 429(D) x 44(H) mm; 19"(W) x 18.7"(D) x 1.7"(H)                                     |
| Weight         | Net: 10 kg (22.05 lb); Gross: 13 kg (28.67 lb)  |
| Backplane      | PBP-03P2X: 3-slot (2xPCI) PICMG backplane   |

### ORDERING GUIDE

- **PRC-1194-03P2X-2501**  
19" 1U rack-mount chassis with 3-slot (2xPCI) PICMG backplane and 250W PFC power supply

### POWER SUPPLY

#### ORION-A2501 optional

|                            |  |
|----------------------------|--|
| Input Voltage              | 90V ~ 264V AC, full range  |
| Input Frequency            | 47 ~ 63 Hz   |
| Input Current              | 6A@115V, 3A@230V   |
| Efficiency                 | > 65%  |
| Holdup Time                | 16 ms. at full load @25°C  |
| Over Voltage Protection    | +5V@5.4~6.5A; +3.3V@3.9~4.4V; +12V@13.6~15.6V                      |
| Over Power/Load Protection | Output power over to 110%~160%                                     |
| MTBF                       | 105,405 hrs  |
| EMI & Safety Approval      | UL, cUL, TVU, CE, FCC  |
| Temperature/Humidity       | Operating: 0 ~ 50°C, 20 ~ 85%RH<br>Storage: -20 ~ 70°C, 10 ~ 90%RH |
| Dimension (WxDxH)          | 100x190x40.5 mm; 5.9"x5.5"x3.4"                                    |

### ENVIRONMENT

|                             |  |
|-----------------------------|--|
| Operating Temperature Range | 0 to +55°C   |
| Storage Temperature Range   | -20 to +80°C   |
| Relative Humidity           | 5% to 95%, non-condensing  |
| Vibration                   | 5~7 Hz: 0.5" double amplitude displacement<br>7~2000 Hz: 1.5g acceleration |