

PRC-1194

19" 1U industrial rack-mount P4 chassis



FEATURE

- 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 the system



▲ PRC-1194 rear view

General

Construction	Heavy-duty steel
Drive Bay	External: NB CD-ROM x1 (or equivalent CD-RW / DVD-ROM) + NB FDD X1 Internal: 3.5" HDD x2
Air Filter	N/A
Cooling Fan	Four 4 cm two ball-bearing fans
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	480.4(W) x 432(D) x 44(H) mm ; 19"(W) x 17"(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

Power Supply (ORION-A2501 optional)

Maximum Output	250W PFC
Output Voltage & Current	+5V@24A, +3.3V@20A, +12V@12A, -5V@0.5A, -12V@0.5A, +5Vsb@1.5A
Input Voltage	90V ~ 264V AC, full range
Input Frequency	47 ~ 63 Hz
Input Current	6A@115V, 3A@230V
Efficiency	> 65%
MTBF Reliability	105,405 hrs
Certification	UL, cUL, TVU, CE, FCC

Environment

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

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FEATURE	BENEFITS
250W PFC power supply	Sufficient power source for Intel® Pentium® 4 processor
Cooling tunnel design	Better ventilation to enhance system reliability
Wire routing under the fan module	Avoid disturbance of air path for better ventilation
Two PCI expansion slots	For system function expansion

WHAT'S NEW



Cooling Tunnel

Three cooling fans and one divider create a cooling tunnel, keeping smooth airflow



Wire Routing

Power cable routed beneath the fan module to avoid disturbance of air path



PCI Expansion

Two PCI expansion slots for adding more functions to the system



USB Ports

2 USB ports located at front for expansion and easy access

ORDERING GUIDE

PRC-1194-03P2X-2501

19" 1U rack-mount chassis with 3-slot (2xPCI) PICMG backplane and 250W PFC power supply

ENGINEERING DRAWING

