

NuPRO-842/P Series

PICMG® 1.0 Full-Size Socket 478 Intel® Pentium® 4 SBC with DDR, Dual GbE, Mini-PCI and Cooler kit



Specifications

System

CPU	Socket 478 Intel® Pentium® 4 and Pentium® 4-M processor
FSB	533/400 MHz
Chipset	Intel® 845GV + ICH4
Memory	DDR 333/266 MHz, up to 2 GB
BIOS	Award 4 Mb flash memory
Watchdog Timer	1-255 sec or 1-255 min software programmable and can generate system reset
Hardware Monitor	CPU/System temperature, fan speed and onboard DC voltages

I/O Interfaces

IDE	Two-channel ultraATA 66/100
Mini PCI	Mini PCI Type III slot
USB	Five USB 2.0 ports (one on faceplate, four on onboard pin header)
Multi I/O	Two RS-232, one LPT, one Floppy, one IrDA, and one PS/2 keyboard/mouse

Features

- PICMG® 1.0 Full-Size SBC
- High computing capability, supports 533 MHz FSB Socket 478 Intel® Pentium® 4 processor with Intel® Hyper-Threading technology
- Supports low power Intel® Pentium® 4-M processor
- 10/100/1000Base-T dual-Gigabit Ethernet

Display

VGA	Intel® 845GV integrated VGA (Intel® Extreme Graphics)
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Ethernet

Gigabit LAN	Two onboard Intel® 82541PI GbE controllers support 10/100/1000Base-T dual-Gigabit Ethernet
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Ordering Information

NuPRO-842DV/P	PICMG® 1.0 Full-Size Socket 478 Intel® Pentium® 4 and Pentium® 4-M SBC with DDR, Dual GbE, Mini-PCI and Cooler kit
NuPRO-842LV/P	PICMG® 1.0 Full-Size Socket 478 Intel® Pentium® 4 SBC with DDR, GbE, Mini-PCI and Cooler kit

Note: CPU and Memory module are not included.

Optional Accessories

Model Number	Description/Configuration
DB-AC97S	AC'97 audio kit with mic-in, line-in and line-out ports

Mechanical and Environmental

Form Factor	Standard Full-Size PICMG® CPU board PICMG® 1.0
Dimensions	338 mm x 122 mm (L x W)
Operating Temp.	0°C to 55°C
Storage Temp.	-20°C to 80°C
Compliance	CE, FCC Class A