NuPRO-760 Series

Full-Size Pentium® III SBC with VGA/Fast Ethernet/DOC





Cooler-023



Cooler-016

PIII Processor | USB 1.1 | 10/100Mbps LAN

Features

- *Supports all 133MHz FSB Socket 370 Pentium III CPUs*
- *High memory capacity up to 1.5GB PC-133 SDRAM*
- *AGP 4X VGA, 8MB shared memory*
- *High drive ISA bus*
- *ATX power connector for backplane-less applications*

Ordering Information

NuPRO-760LV	Full-Size Pentium-III/Celeron SBC with VGA/Ethernet

Note: CPU, RAM, and HDD are not included.

Optional Accessories

Model Number	Description/Configuration
DB-AC97S	Audio daughter board with Line-in, Line-out, MIC-in connectors
Cooler-016	CPU Cooler for NuPRO-760/780
Cooler-023	CPU Cooler for NuPRO-760/780 for 1U/1GHz CPU

Specifications

CPU / Core Logic

CPU	Intel Socket 370 FC-PGA2 Pentium III with 512KB on-die L2 cache @ full core speed & 133MHz FSB
	Intel Socket 370 FC-PGA Pentium III with 256KB on-die L2 cache @ full core speed & 100/133MHz FSB
	Intel Socket 370 FC-PGA Celeron with 128KB on-die L2 cache @ full core speed & 66/100MHz FSB
	VIA Socket 370 FC-PGA C3 with 64/128KB L2 cache @ full core speed and 100/133MHz FSB
FSB	100/133MHz
Chipset	VIA PLE133T (8601T + 686B)
RAM	Three 168-pin DIMM sockets, max. 1.5GB un-buffered PC-133 SDRAM
BIOS	Award 4Mb flash memory

I/O Interfaces

IDE	ATA-100, dual channels
Audio	Integrated Audio Controllers with AC'97 interface, with optional DB-AC97S daughter board
USB	Supports up to two USB ports via on-board pin-header connector
	Compliant with USB Specification Rev. 1.1
Super I/O	Built-in VIA 686B chipset
	One high-speed bi-directional SPP/EPP/ECP parallel port
	One floppy interface, supports two floppy drives
	Two 16C550 UARTs compatible RS-232 COM ports
Floppy	Standard 34-pin connector
Hardware Monitoring	Built-in VIA 686B, monitors CPU temperature, CPU fan, system temperature and DC Voltages
Watchdog Timer	1-255 sec software programmable, can generate system resets

VGA

Display	VIA 8601T built-in Blade 3D AGP 2D/3D graphics engine
	Video memory shared with system memory up to 8MB AGP 4X, ACPI and VESA compliant

Ethernet

Ethernet	On-board Realtek RTL8139C high performance IEEE 802.3 10/100-BaseTX Ethernet controller
Features	Intel PXE pre-boot on Ethernet

Mechanical and Environmental

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

Other Features

External Power Connector	One ATX type connector for backplane-less applications
Flash Disk	Flash2000 2.5" flash drive, supports DiskOnChip (DOC)

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