

NuPRO-761

Full-size Pentium® III SBC with LCD/VGA/LAN/Audio ❖



Features

- Socket 370 for Intel® Pentium® III/Celeron® / VIA® C3 Processor
- VIA® 8623 (CLE266) Chipsets, 100/133MHz FSB
- Chipset integrated LVDS/TFT interface & VGA function
- Supports 10/100 Base-TX Ethernet
- AC97 Audio, 4 x USB 2.0 ports
- Watchdog timer, hardware monitoring function & DOC, support 3.3V

Ordering Information

NuPRO-761	Socket 370 PICMG 1.0 SBC, w/LCD/VGA/LAN/Audio/USB 2.0
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Note 1: CPU, RAM, and HDD are not included.

Specifications

CPU / Core Logic

CPU	Socket 370 for Pentium® III/Celeron®/ VIA® C3 Processor
FSB	100/133MHz
Chipset	VIA® 8623 + 8235 (CLE266) chipsets
RAM	Two 184-pin DIMM sockets, up to 2GB
BIOS	Award 4Mb flash memory

I/O Interfaces

IDE	ATA-100, dual channels
USB	Onboard 4 x USB 2.0 ports by pin-headers
Super I/O	Onboard Winbond® 83697HF chip, supports: 1 x IrDA by 5-pin pin-header 1 x Floppy Interface 1 x SPP/EPP/ECP parallel port by pin-header COM1 for RS-232 COM2 for RS-232 or RS-422/485 (jumper selectable)
Floppy	Standard 34-pin connector
Hardware Monitoring	Winbond W83697HF chip, monitoring for CPU and system
Watchdog Timer	256 Levels software programmable
Audio	AC97 Codec (Optional by bracket)

VGA

Display	VIA® 8623 chipset integrated LVDS/TTL interface & VGA function
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Ethernet

Ethernet	Realtek® RTL8100BL, for 10/100 Base-TX, supports wake up on LAN
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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 60°C
Storage Temp.	-20 to 80°C
Relative humidity	10% to 90% (Non-Condensing)
Certificate or Test	CE, FCC class A

Backplane Interoperability

Model Number	Recommended Backplanes
HPCI-15S10	15-slot backplane, 2 PICMG CPU slots, 3 ISA, 10 PCI slots
HPCI-D6S4	Double-side backplane, 1 PICMG CPU slot, 1 ISA, 4 PCI slots
HPCI-14S12U	14-slot backplane, 2 PICMG CPU slots, 12 PCI slots