NuPRO-861

PICMG® 1.0 Full-Size Socket 479 Intel® Pentium® M SBC with GbE, DVI, LVDS and CF



Features

- *PICMG® 1.0 Full-Size SBC*
- *Socket 479 Intel® Pentium® M/Celeron® M processor with low power consumption*
- *10/100/1000Base-T Gigabit Ethernet*
- *Rich display interfaces of VGA, DVI and LVDS*

Ordering Information

NuPRO-861	PICMG® 1.0 Full-Size Socket M Intel® Pentium® M SBC with GbE, DVI, LVDS, CF, and CPU cooler kit

Note: Call for availability of CPU and memory options.

Specifications

System

CPU	Socket 479 Intel® Pentium® M, Celeron® M processor
FSB	400 MHz
Chipset	Intel® 855GME + 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
CompactFlash	One CompactFlash® Type II socket
USB	Four USB 2.0 ports by onboard pin header
Multi I/O	Two RS-232, one LPT, one Floppy, one IrDA, and one PS/2 keyboard/mouse

Display

VGA	Intel® 855GME integrated VGA (Intel® Extreme Graphics 2)
DVI	On faceplate DVI connector supports graphics resolutions up to UXGA (1600 x 1200)
LVDS	Intel® 855GME integrated LFP Transmitter interface supports LVDS LCD panel resolutions up to UXGA (1600 x 1200)

Ethernet

Gigabit LAN	Onboard Intel® 82541GI GbE controller supports 10/100/1000Base-T Gigabit Ethernet

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
Relative humidity	10% to 90% (non-condensing)
Compliance	CE, FCC Class A

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