NuPRO-865

PICMG® 1.0 Full-Size Socket 478 Intel® Pentium® 4 SBC with DDR, GbE and Serial ATA



Features

- *PICMG® 1.0 Full-Size SBC*
- *High computing capability, supports 800 MHz FSB Socket 478 Intel® Pentium® 4 processor with Intel® Hyper-Threading technology*
- *Intel® 865G + ICH5 chipset with DDR 400/333 MHz*
- *10/100/1000Base-T Gigabit Ethernet*
- *Supports Serial ATA (1.5 Gbps) for high-speed storage devices*

Ordering Information

NuPRO-865	PICMG® 1.0 Full-Size Socket 478 Intel® Pentium® 4 SBC with DDR, GbE and Serial ATA

Note: CPU, Memory module and Cooler kit are not included.

Specifications

System

CPU	Socket 478 Intel® Pentium® 4 processor Supports Hyper-Threading Technology
FSB	800/533 MHz
Chipset	Intel® 865G + ICH5
RAM	DDR 400/333 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
Serial ATA	Two Serial ATA ports with 1.5Gbps data transfer rate
USB	Four USB 2.0 ports by onboard pin header
Multi I/O	Two RS-232, one LPT, one Floppy, one IrDA,and one x PS/2 keyboard/mouse

Display

VGA	Intel® 865G integrated VGA (Intel® Extreme Graphics 2)

Ethernet

Gigabit LAN	Onboard Intel® 82547 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
Compliance	CE, FCC Class A

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