

NuPRO-965

PICMG 1.3 Full-Size LGA775 Intel® Core™2 Quad/ Duo SHB with DDR II, Dual GbE, SATA II, IDE ⚡



Features

- Supports 1066 MT/s FSB LGA775 Intel® Core™2 Quad/ Duo processor
- Intel® Q965 + ICH8 chipset with Dual-Channel DDR2 800/667/533 MHz, up to 8 GB
- One PCI Express® x16 and four PCI Express® x1 (or one x4) Link to backplane
- Dual Gigabit Ethernet via PCI Express® x1 Bus
- Supports Serial ATA II (3.0 Gbps) for highest speed storage devices

Ordering Information

NuPRO-965DV	Full-Size PICMG 1.3 LGA775 Intel® Core™2 Quad/ Duo SHB with dual-channel DDR2, dual GbE, SATA2
NuPRO-965LV	Full-Size PICMG 1.3 LGA775 Intel® Core™2 Quad/ Duo SHB with dual-channel DDR2, GbE, SATA2, IDE

Note 1: CPU, Memory module and Cooler kit are not included.

Optional Accessories

Model Number	Description/Configuration
Cooler Kit-CPU cooler	P4-LGA775_3U Thermal Module
Cooler Kit-Retention module	P4-LGA775 Retention Module
DB-Audio2	High Definition and AC'97 audio daughter board with mic-in/line-in/line-out

Specifications

System

CPU	Intel®Core™2 Quad/ Duo, Pentium®D, Pentium® 4, Celeron® D Support Hyper-Threading and Quad/ Duo-Core Technology
FSB	1066/800/533 MT/s
Chipset	Intel® Q965 + ICH8
Memory	Dual-Channel DDR2 800/667/533 MHz, up to 8 GB
BIOS	AMI BIOS, 8 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	One channel UltraATA 66/100/133 (only LV version)
Serial ATA	2 x Serial ATA II ports with 3.0Gbps data transfer rate
USB	7 x USB 2.0 ports (1 by faceplate, 2 by onboard pin header, 4 by backplane)
Audio	Pin header for High Definition audio interface
Multi I/O	2 x RS-232, 1 x LPT, 1 x PS/2 keyboard/mouse

Display

VGA	Intel® Q965 integrated VGA (GMA 3000)
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Ethernet

Gigabit LAN	Onboard two Intel® 82573E GbE controllers support 10/100/1000BASE-T dual Gigabit Ethernet via x1 PCIe Bus (Dual GbE are only available on NuPRO-965DV)
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Mechanical and Environmental

Form Factor	Standard Full-Size PICMG 1.3 System Host Board
Dimensions	338mm x 122mm (L x W)
Operating Temp.	0 to 60°C
Storage Temp.	-20 to 80°C
Certificate or Test	CE, FCC class A