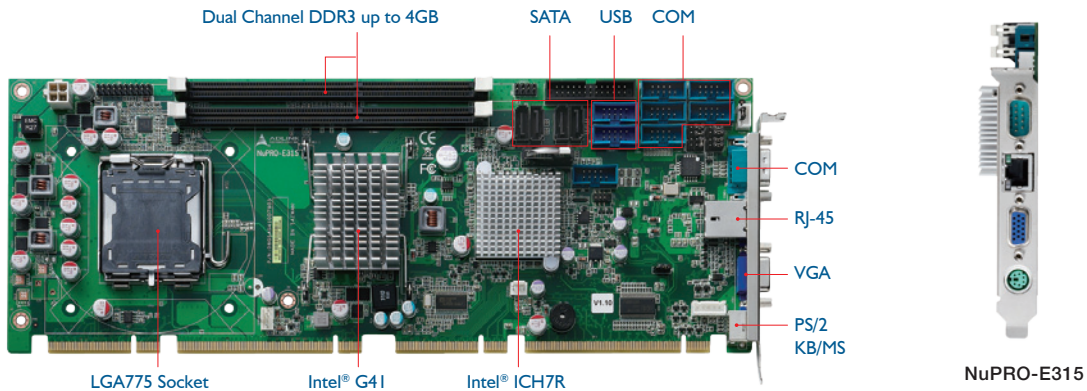


# NuPRO-E3 I5

PICMG® I.3 Full-Size LGA775 Intel® Core™ 2 Quad/Duo Processor-based SHB



## Features

- Intel® G41 + ICH7R chipset supports up to 1333 MHz FSB LGA775 Intel Core™ 2 Quad/Duo Processor
- Dual-channel DDR3 800/1066 MHz, up to 4 GB
- Intel® Matrix Storage Technology, supports RAID 0/1/5/10
- 6x COM ports (including 1x RS-232/422/485/485+)

## Specifications

### Processor & System

<b>CPU</b>	Intel® Core™ 2 Quad Q9400, 2.66 GHz, 1333 MHz FSB, 6M Cache, 45nm, 95W TDP, LGA775
	Intel® Core™ 2 Quad E8400, 3.00 GHz, 1333 MHz FSB, 6M Cache, 45nm, 65W TDP, LGA775
	Intel® Core™ 2 Duo E7400, 2.8 GHz, 1066 MHz FSB, 3 MB L2 Cache, 45nm, 65W TDP, LGA775
	Intel® Pentium® Dual Core E6500, 2.93 GHz, 1066 MHz FSB, 2 MB L2 Cache, 45nm, 65W TDP, LGA775
	Intel® Core™ 2 Duo E6400, 2.13 GHz, 1066 MHz FSB, 2 MB L2 Cache, 65nm, 65W TDP, LGA775
	Intel® Pentium® Dual Core E5300, 2.6 GHz, 800 MHz FSB, 2 MB L2 Cache, 45nm, 65W TDP, LGA775
	Intel® Core™ 2 Duo E4300, 1.8 GHz, 800 MHz FSB, 2 MB L2 Cache, 65nm, 65W TDP, LGA775
	Intel® Celeron® Dual Core E3400, 2.6 GHz, 800 MHz FSB, 1 MB L2 Cache, 45nm, 65W TDP, LGA775
	Intel® Pentium® Dual Core E2160, 1.8 GHz, 800 MHz FSB, 1 MB L2 Cache, 65nm, 65W TDP, LGA775
	Intel® Celeron® Dual Core E1500, 2.2 GHz, 800 MHz FSB, 512 KB L2 Cache, 65nm, 65W TDP, LGA775
	Intel® Celeron® 440, 2.0 GHz, 800 MHz FSB, 512 KB L2 Cache, 65nm, 35W TDP, LGA775
<b>Chipset</b>	Intel® G41 + ICH7R
<b>Memory</b>	2x 240-pin DIMM sockets Dual-channel DDR3 800/1066 MHz, up to 4 GB
<b>BIOS</b>	AMIBIOS 32 Mb SPI BIOS
<b>Watchdog Timer</b>	1-255 sec or 1-255 min software programmable, can generate system reset
<b>Hardware Monitor</b>	CPU/System temperature, fan speed and onboard DC voltages
<b>Operation Systems</b>	Windows® XP, 7 32/64-bit Fedora™ 12, Red Hat Enterprise Linux 5

### I/O Interfaces

<b>Serial ATA</b>	4x SATA 3 Gb/s ports (supports RAID 0/1/5/10)
<b>USB</b>	8x USB 2.0 ports (4x onboard pin headers and 4x backplane)
<b>KB/MS</b>	1x PS/2 keyboard/mouse
<b>Parallel Port</b>	1x LPT
<b>Serial Port</b>	5x RS-232, 1x RS-232/422/485/485+

## Audio

<b>Audio Codec Interface</b>	Realtek ALC262 support by DB-Audio2 daughter board Pin header for High Definition Audio interface
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## Display

<b>Graphics</b>	Intel® Graphics Media Accelerator X4500 integrated in 82G41 GMCH
<b>VGA</b>	Resolution up to 2048 x 1536 @ 75 Hz

## Ethernet

<b>Controller Interface</b>	Intel® 82574L Gigabit Ethernet Controller PCIe x1 bus
<b>Wake On LAN</b>	Support on LAN1

## Mechanical and Environmental

<b>Form Factor</b>	Full-Size PICMG® I.3 System Host Board
<b>Dimensions</b>	338 mm x 126 mm (L x W)
<b>Operating Temp.</b>	0°C to 60°C
<b>Storage Temp.</b>	-20°C to 80°C
<b>Certifications</b>	CE, FCC Class A
<b>Relative Humidity</b>	10% to 90%, non-condensing

## Ordering Information

Model Number	Description/Configuration
NuPRO-E315	PICMG® I.3 Full-Size LGA775 Intel® Core™ 2 Quad/Duo Processor-based SHB

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

## Optional Accessories

Model Number	Description/Configuration
LGA775 1U CPU Cooler	LGA775 1U Thermal Module
LGA775 3U CPU Cooler	LGA775 3U Thermal Module
Backplate	Backplate for 3U CPU cooler
DB-Audio2	High Definition Audio daughter board with Mic-in/Line-in/Line-out

## Packing List

NuPRO-E3 I5	1x PS/2 Y-cable
1x 2-port USB 2.0 cable with bracket	2x SATA data cables
Driver CD	Quick Reference Guide