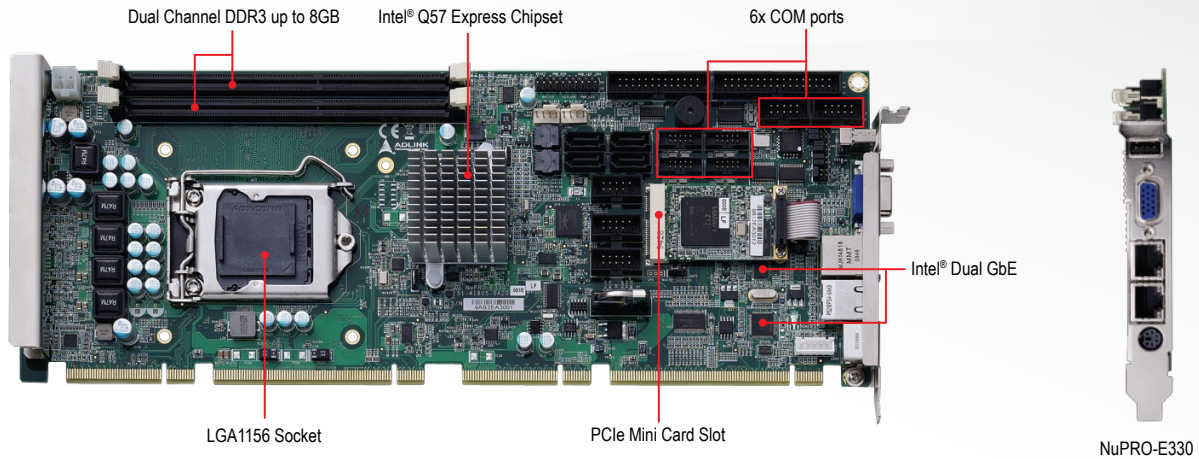


NuPRO-E330

PICMG® 1.3 Full-Size Intel® Core™ i7/i5/i3 LGA1156 SHB



Features

- LGA1156 Intel® Core™ i7/i5/i3, Pentium® Dual Core Processor
- Intel® Q57 Express Chipset supports PCI Express 2.0
- Intel® Matrix Storage Technology, supports RAID 0/1/5/10
- Intel® Active Management Technology 6.0
- PCIe Mini Card slot
- 6x COM ports (including 1x RS-232/422/485)

Specifications

Processor & System

| | |
|-------------------|---|
| CPU | Intel® Core™ i7-860 Processor, 2.80 GHz, 8M Cache, 45nm, 95W TDP, LGA1156 (4 cores/8 threads) Intel® Core™ i5-750 Processor, 2.66 GHz, 8M Cache, 45nm, 95W TDP, LGA1156 (4 cores/8 threads) Intel® Core™ i5-660 Processor, 3.33 GHz, 4M Cache, 32nm, 73W TDP, LGA1156 (2 cores/4 threads) Intel® Core™ i3-540 Processor, 3.06 GHz, 4M Cache, 32nm, 73W TDP, LGA1156 (2 cores/4 threads) Intel® Pentium® Dual Core G6950 Processor, 2.80 GHz, 3M Cache, 32nm, 73W TDP, LGA1156 (2 cores/4 threads) |
| Chipset | Intel® Q57 Express Chipset (Ibex Peak) |
| Memory | 2x 240-pin DIMM sockets Dual-channel DDR3 1066/1333MHz, up to 8GB |
| TPM | Infineon® SLB9635 TT1.2 |
| BIOS | AMIBIOS® 32Mb SPI flash memory |
| Watchdog Timer | 1-255 sec. or min. software programmable, can generate system reset |
| Hardware Monitor | CPU/System temperature, fan speed and onboard DC voltages |
| Operating Systems | Windows® XP, Vista 32/64-bit, 7 32/64-bit, Server 2008 Fedora™ 10 |

I/O Interfaces

| | |
|----------------|--|
| Serial ATA | 6x Serial ATA II ports with 3.0 Gbps data transfer rate (4x onboard headers, 2x backplane) Intel® Matrix Storage Technology, supports RAID 0/1/5/10 |
| Expansion Slot | 1x PCIe Mini Card slot |
| USB | 9x USB 2.0 ports (1x faceplate, 4x onboard pin headers and 4x via backplane) |
| KB/MS | 1x Mini-DIN for PS/2 keyboard/mouse |
| Floppy | 1x Floppy |
| Parallel Port | 1x LPT |
| Serial Port | 5x RS-232, 1x RS-232/422/485 |

Audio

| | |
|-----------------------|---|
| Audio Codec Interface | Realtek® ALC262 support by DB-Audio2 daughter board Pin header for High Definition Audio interface |
|-----------------------|---|

Display

| | |
|---------------------|---|
| Integrated Graphics | Integrated in Clarkdale processor |
| External Graphics | PCI Express x16 or onboard PCI Express Mini Card slot for optional mPCIe-8770 |

Ethernet

| | |
|-------------|--|
| Controller | Intel® 82578DM Gigabit Ethernet PHY Intel® 82574L Gigabit Ethernet Controller |
| Interface | PCIe x1 bus |
| iAMT | Supports Intel® AMT 6.0 on 82578DM |
| Wake On LAN | Yes |

Mechanical and Environmental

| | |
|-------------------|---------------------------|
| Form Factor | PICMG® 1.3 |
| Dimensions | 338 mm x 122 mm (L x W) |
| Operating Temp. | 0°C to 60°C |
| Storage Temp. | -20°C to 80°C |
| Certifications | CE, FCC Class A |
| Relative Humidity | 10% to 90%, non-condensed |

Ordering Information

| Model Number | Description/Configuration |
|--------------|--|
| NuPRO-E330 | PICMG 1.3® Full-Size Intel® Core™ i7/i5/i3 LGA1156 SHB |

Optional Accessories

| Model Number | Description/Configuration |
|----------------|---|
| LGA1156 Cooler | LGA1156 3U Thermal Module |
| DB-Audio2 | High Definition Audio daughter board with Mic-in/Line-in/Line-out |
| mPCIe-8770 | PCIe 2D VGA Display Card |

Packing List

| | |
|--------------------------------------|--|
| NuPRO-E330 | 1x Y-cable for PS/2 keyboard/mouse |
| 1x Floppy cable | 1x USB 2.0 cable bracket |
| 1x COM port cable with bracket | 1x COM+parallel port cables with bracket |
| 2x SATA data cable | 1x dual-plug SATA power cable |
| Driver DVD | User's manual |
| 2x dual-port COM cables with bracket | |