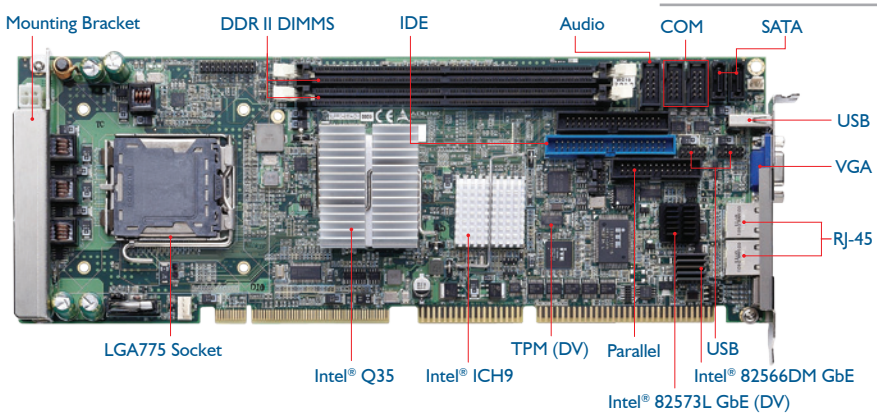
NuPRO-935A

PICMG® 1.0 Full-Size LGA775 Intel® Core™2 Quad/Duo Processor-based SBC





NuPRO 935A/DV



NuPRO 935A/LV

Features

- **Intel® Core™2 Quad/Duo processors support up to 1333 MHz FSB**
- **Trusted Platform Module**
- **Dual Intel® Gigabit Ethernet controllers**
- **Optional High Definition Audio kit**

Specifications

Processor & System	
CPU	Intel® Core™2 Quad Q9400, 2.66 GHz, 1333 MHz FSB, 6 MB L2 Cache, 45nm, 95W TDP, LGA775FSB
	Intel® Core™2 Duo E8400, 3.0 GHz, 1333 MHz FSB, 6 MB L2 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® E6500, 2.93 GHz, 1066 MHz FSB, 2 MB L2 Cache, 45nm, 65W TDP, LGA775 (2C)
	Intel® Core™2 Duo E6400, 2.13 GHz, 1066 MHz FSB, 2 MB L2 Cache, 65nm, 65W TDP, LGA775
	Intel® Pentium® E5300, 2.6 GHz, 800 MHz FSB, 2 MB L2 Cache, 45nm, 65W TDP, LGA775 (2C)
	Intel® Core™2 Duo E4300, 1.8 GHz, 800 MHz FSB, 2 MB L2 Cache, 65nm, 65W TDP, LGA775
	Intel® Celeron® E3400, 2.6 GHz, 800 MHz FSB, 1 MB L2 Cache, 45nm, 65W TDP, LGA775 (2C)
	Intel® Pentium® E2160, 1.8 GHz, 800 MHz FSB, 1 MB L2 Cache, 65nm, 65W TDP, LGA775 (2C)
	Intel® Celeron® E1500, 2.2 GHz, 800 MHz FSB, 512 KB L2 Cache, 65nm, 65W TDP, LGA775 (2C)
	Intel® Celeron® 440, 2.0 GHz, 800 MHz FSB, 512 KB L2 Cache, 35nm, 65W TDP, LGA775 (1C)
Chipset	Intel® Q35 + ICH9 Express Chipset
Memory	2 x 240-pin DIMM sockets
	Dual-Channel DDR2-800/667 SDRAM, up to 4 GB
TPM	Infineon SLB9635 TT 1.2 (optional)
BIOS	AMI BIOS/ SPI Flash ROM 16Mb
Watchdog Timer	1-255 sec. or min. software programmable
Hardware Monitor	CPU/System temperatures, fan speed and onboard DC voltages
Operating Systems	Windows® XP, Vista, 7 32/64-bit
	Fedora™ 8, Red Hat Enterprise Linux 5

I/O Interfaces

IDE (PATA)	1x UltraATA 66/100/133, support one device
Serial ATA	2x SATA 3 Gb/s ports
USB	5x USB 2.0 ports (1x faceplate, 4x onboard pin headers)
KB/MS	Internal pin header for keyboard/mouse
Parallel Port	1x LPT
Serial Port	1x RS-232, 1x RS-232/422/485/485+

Audio

Audio Codec	Realtek® ALC262 on DB-Audio2 daughter board
Interfaces	Supports HDA Line-in/Line-out/Mic-in

Display

Graphics	Intel® GMA 3100 integrated in Intel® Q35 GMCH
VRAM	Shared with system memory up to 256 MB
VGA	External D-sub 15 connector, up to 2048x1536 @ 75Hz

Ethernet

Controller	Intel® 82566DM and Intel® 82573L (optional)
Interface	2x 10/100/1000Mbps Ethernet ports
Wake On LAN	Support on LAN1

Mechanical and Environmental

Form Factor	Full-Size PICMG® 1.0 SBC
Dimensions	338 mm x 122 mm (L x W)
Operating Temp.	0 to 60°C
Storage Temp.	-20 to 80°C
Certifications	CE, FCC Class A
Relative Humidity	10% to 90%, non-condensing

Ordering Information

Model Number	Description/Configuration
NuPRO-935A/DV	PICMG® 1.0 Full-Size LGA775 Intel® Core™2 Quad/Duo Processor-based SBC, Q35/ICH9, TPM, Dual GbE/SATA II/ IDE
NuPRO-935A/LV	PICMG® 1.0 Full-Size LGA775 Intel® Core™2 Quad/Duo Processor-based SBC, Q35/ICH9, GbE/SATA II/ IDE

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 supports Line-in, Line-out, and Mic-in

Packing List

NuPRO-935A	1x COM+Parallel port cables with bracket
2x SATA data cables	1x UltraATA 100 IDE cable
1x dual-plug SATA power cable	Driver DVD
1x USB 2.0 cable with bracket	User's manual
1x COM port cable with bracket	

*Updated January 24, 2014. ©2014 ADLINK Technology, Inc. All Rights Reserved. All specifications are subject to change without further notice.

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000