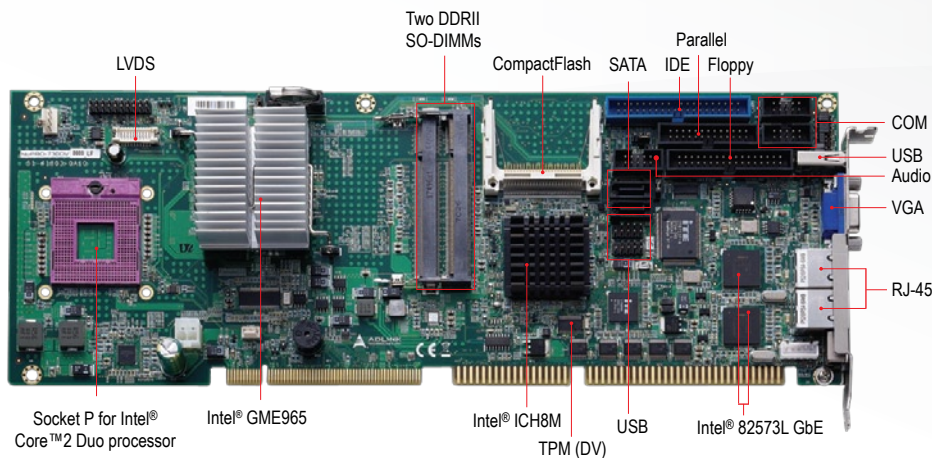




Features

- Intel® Core™2 Duo/Celeron® Mobile processors in Micro-FCPGA package (Socket P)
- Integrated Graphics Controller, supports Dual Independent Display on VGA/LVDS
- Trusted Platform Module
- Dual Intel® Gigabit Ethernet controllers
- Optional High Definition Audio kit
- Extended temperature support (-20°C to 70°C)

Specifications

Processor & System

CPU	Intel® Core™2 Duo Mobile T7500, 2.2 GHz, FSB 800MHz, 4MB L2 Cache, 65nm, 35W TDP Mobile Intel® Celeron® M 550, 2 GHz, FSB 533MHz, 1MB L2 Cache, 65nm, 27W TDP
Chipset	Intel® GME965 + ICH8M Express Chipset
Memory	2 x 200-pin SO-DIMM sockets supporting dual-channel DDR2-667 SDRAM, up to 4 GB
TPM	Infineon SLB9635 TT 1.2 (optional)
BIOS	AMI BIOS/ SPI Flash ROM 16 Mb
Watchdog Timer	1-255 sec. or min. software programmable
Hardware Monitor	CPU/System temperature, fan speed and onboard DC voltages
Operating Systems	Windows® XP, Vista Fedora™ 8, Red Hat Enterprise Linux 5

I/O Interfaces

IDE (PATA)	1x UltraATA 66/100/133 supports up to 2 devices
CompactFlash	1x CompactFlash type II socket (share with IDE)
Serial ATA	2x SATA 3 Gb/s ports
USB	5x USB 2.0 ports (1 x faceplate, 4 x onboard pin headers)
KB/MS	Internal pin header for keyboard
Floppy	1x Floppy
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
Interface	Pin header for High Definition Audio interface

Display

Graphics	Intel® GMA X3100 Integrated in Intel® GME965 GMCH
VRAM	Shared with system memory up to 384 MB
CRT	External Dsub-15 connector, up to 2048x1536 @ 75 Hz
LVDS	Single channel 24-bit LVDS

Ethernet

Controller	Dual Intel® 82573L (optional)
Interface	Two 10/100/1000Mbps Ethernet ports
Wake On LAN	Yes

Mechanical and Environmental

Form Factor	Full-Size PICMG® 1.0 SBC
Dimensions	338 mm x 122 mm (L x W)
Operating Temp.	-20°C to 70°C
Storage Temp.	-40°C to 80°C
Certifications	CE, FCC Class A
Relative Humidity	10% to 90%, non-condensing

Ordering Information

Model Number	Description/Configuration
NuPRO-730DV	PICMG® 1.0 Full-size SBC, Mobile Core™2 Duo/Celeron® (Socket P), GME965/ICH8M, TPM, VGA/LVDS, Dual GbE, SATA II, IDE and Floppy
NuPRO-730LV	PICMG® 1.0 Full-size SBC, Mobile Core™2 Duo/Celeron® (Socket P), GME965/ICH8M, VGA/LVDS, GbE, SATA II, IDE and Floppy

Optional Accessories

Model Number	Description/Configuration
Socket-M 1U CPU Cooler	1U CPU cooler with backplate
DB-Audio2	High Definition Audio daughter board supports Line-in, Line-out, and Mic-in

Packing List

NuPRO-730	1x COM+Parallel port cables with bracket
2x SATA data cables	1x UltraATA 100 IDE cable
1x dual-plug SATA power cable	1x Floppy cable
Driver DVD	1x USB 2.0 cable with bracket
User's manual	1x COM port cable with bracket

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ADLINK Technology:](#)

[NuPRO-730/DV](#) [NuPRO-730/LV](#)