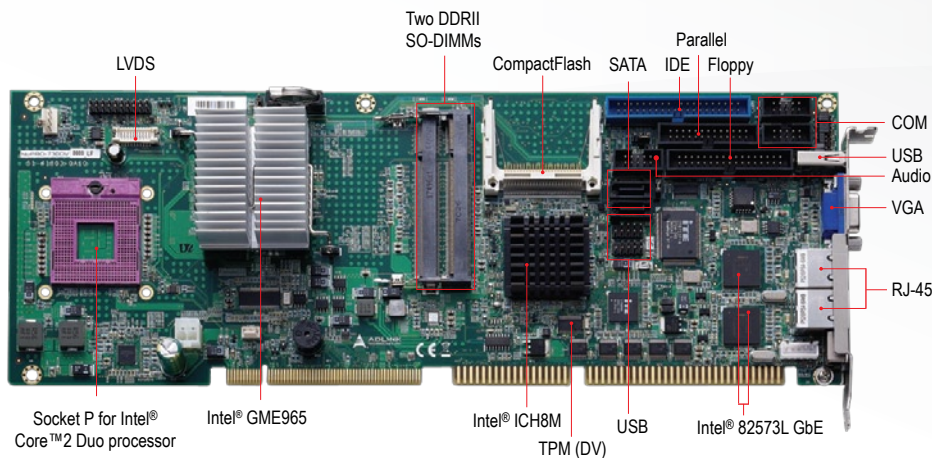




### Features

- 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<br>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<br>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                                                                                                       |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>NuPRO-730DV</b> | 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 |
| <b>NuPRO-730LV</b> | 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           |