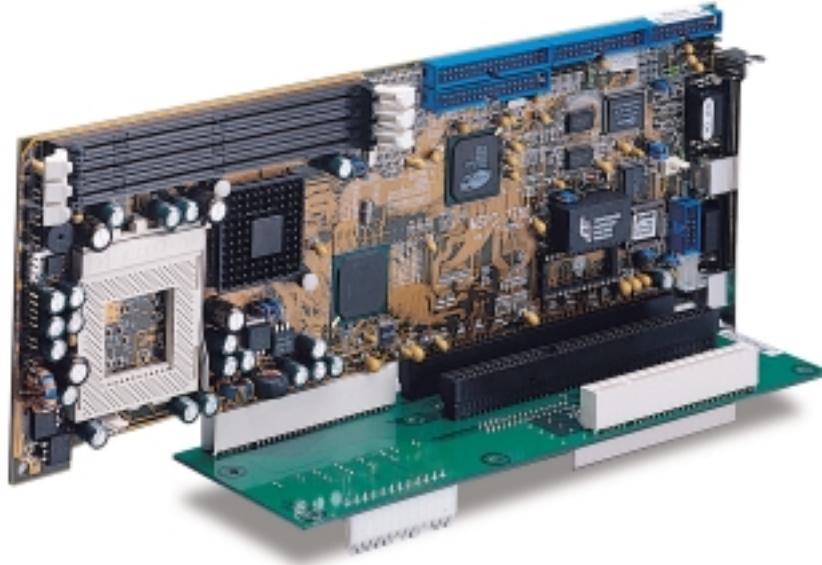


NuPRO[®]

NuPRO-710

Socket 370 P-III Full Size SBC with 8M AGP
VGA Design Philosophy



Design Philosophy

The NuPRO design philosophy is clear and simple - to design products that are open, available and affordable.

Long time product availability

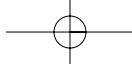
ADLINK understands and anticipates the concerns and challenges our partners face when choosing an SBC. The proven Intel Architecture, coupled with the guidance from the Intel Applied Computing Products Division road map for the processors and chipsets life spans, ADLINK is now able to extend the End Of Life (EOL) cycle for the NuPRO range of SBCs to exceed those offered in the market today. Being able to provide a longer EOL for our NuPRO SBCs truly translates to the assured product availability. This move prevents the fast obsolescence experienced by the PC components with a typical product life cycle of six to eighteen months.

High reliability

To qualify the NuPRO range of SBCs for broad industrial and mission critical applications demanding superior quality and reliability, all SBCs are subjected to a Highly Accelerated Life Test (HALT) and Highly Accelerated Stress Screening (HASS). HALT in the design stage and HASS in the production stage effectively speed up a product life cycle to test its ability to withstand extended temperature and vibration, thus detecting defects early and ensuring product quality.



HALT & HASS



NuPRO-710

Socket 370 P-III Full Size SBC with 8M AGP VGA



Specifications

CPU Type: Intel Socket 370 Celeron and Pentium III FC-PGA
370 CPU

Cache: Built-in 128KB Level 2 for Celeron, 256KB Level2 for Pentium III

CPU Bus Frequency: 66/100 MHz

BIOS: Award PCI BIOS with Plug and Play, green function

DRAM

- Three 168-pin DIMM sockets, Max. 768MB SDRAM
- With ECC / parity checking

Chipset

- Intel 82440BX AGPset
- SDRAM supported

IDE Controller:

Supports up to four E-IDE devices. PIO mode 3,4, DMA mode 2, bus master Ultra DMA/33

On Board Super I/O

- Winbond W83977TF_AW
- One SPP/EPP/ECP parallel port
- One floppy interface
- Two 16C550 UARTs compatible COM ports
- Supports IrDA, two USB ports (pin-headers)

Hardware Monitoring:

- Winbond W83781D, monitoring CPU temperature, system temperature, voltage and fan speeds

On-board VGA Controller

- 64-bit ATI Rage Pro XL graphics accelerator with 8MB SGRAM, supports for 3D video and movie

Other Features

- Modem ring-on & soft power-off (via ATX power supply)
- Watch-dog timer

Flash Disk Supporting

- DOM2000 Flash Disk on IDE
- Reserve socket for DiskOnChip

PCB Dimension: 340 (L) x 122 (W) mm. Full-sized

Operating Temperature: 0 to 60°C

Ordering Information

HNuPRO-710:

Socket 370 P-III Full Size SBC with 8M AGP VGA

NuPRO-711:

Socket 370 P-III Full Size SBC

