

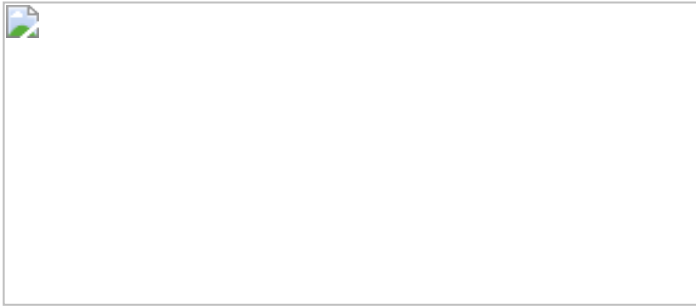
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NuPRO-570

Features

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- Intel MMX/Pentium, AMD K5/ K6, Cyrix M2
- Intel Triton VX Chipset
- CPU Temperature Alarm
- 2 symbol 180 \f "Symbol" \s 10 USB and IrDA supported
- 4symbol 180 \f "Symbol" \s 1072-pin SIMM (FPM/EDO), and one DIMM socket
- DiskOnChip on-board socket, up to 72 MB
- Fast PCI Enhanced IDE



Specifications

- CPU: Intel Pentium CPU 75-233MHz, AMD K5, K6, Cyrix 6x86, M2 Intel MMX
- Bus Interface: PCI/ISA bus, comply to PICMG standard
- Chipset: Intel Triton VX chipset
- Data Bus: 64-bit
- Processing Ability: 64-bit
- VGA Controller: S3 86C775 Chipset with 2MB memory, supports resolutions up to 1280x1024, 256 colors, reserved internal 10 pin VGA connector
- PCI Enhanced IDE Interface: Supports up to four IDE devices, support mode 3, 4 hard disk, data transfer rate 11.1 MB/sec minimum
- Cache Memory: 512KB Pipeline burst cache memory
- RAM Memory: Up to 256MB, uses four 72-pin SIMM sockets,

- supports BEDO, EDO, Fast page DRAM and SDRAM socket
- Floppy Disk Drive Interface:
Supports up to two floppy disk drives
- Parallel Port:
One bi-directional parallel port, supports SPP/ECP/EPP mode
- Serial Port:
Two RS-232 ports.
Both use 16C550 UART with 16-byte FIFO
- BIOS:
AWARD flash BIOS supports PnP, Green features
- Watch-dog Timer:
Hardware circuit can be set by 1, 2, 10, 20, 110, or 220 seconds period reset.
Or NMI was generated when CPU did not periodically trigger the timer.
- DMA Channels: 7
- Interrupt Levels: 15
- Keyboard:
6-pin mini DIN connector or 5-pin header supports standard PC/AT keyboard
- Mouse:
6-pin mini DIN connector support PS/2 standard mouse
- USB:
Supports 2 USB connectors
- IR Interface:
Supports one IrDA TX/RX header
- Flash Memory Disk:
Reserved socket for "DiskOnChip™", supports up to 24MB flash memory disk
- Fuse:
Uses polyswitch resettable fuses,
after short circuit release it will be resume automatically
- CMOS:
Real-time clock/calender and battery backup by DS12887 or equivalent device
- CPU Temperature Alarm:
Hardware circuit design via beeping alarm,
if CPU*s temperature is over heating 60 \pm 5 μ J limited
- Power Supply Voltage:
+5V (4.75 to 5.25V), +12V/-12V power supply
- Max. Power Requirement:
+5V @ 6A, +12V/-12V @ 20mA
- Operating Temperature:
0-55 μ J (CPU need cooler)

- Board Size:
 - 13.26" (L) x 4.8" (W)
 - 337mm x 122mm

Order Information

- NuPRO-570
Pentium VGA Industrial Single Board