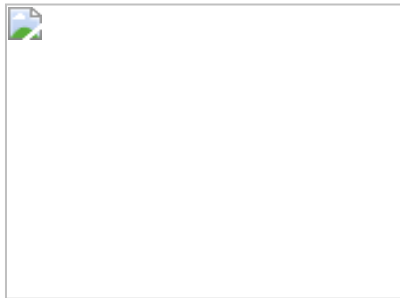


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NuPRO-450

Features

- Support Intel/AMD486, 5x86
- CHIPS-65550 LCD/VGA Controller on-board
- 10BaseT etherController
- 2xSIMM(FPM/EDO)
- DiskOnChip Socket on-board; Up to 72MB
- One RS-232/422/485 port with 16C550 UART
- One RS232 port with 16C550 UART
- PCI Enhanced IDE Interface
- PC/104 Expansion Bus



Specifications

- Bus Type:
ISA bus - 98 pin for 16 bit ISA bus
- CPU:
Supports INTEL/AMD 80486DX 25/33/66/75/100/120/133 MHz
& Cyrix 5x86 processor
- Cache:
256KB 2nd level cache memory
- Memory:
 - Support FPM/EDO DRAM
 - Support two 72-pin SIMM sockets, accept 1,2,4,8,16 or 32 MB SIMM
- Chipset:
 - System Chipset: ALI M1487/ M1489
 - I/O Chipset: SMC 37C669
- Real Time Clock:
Dallas DS-12B887 with lithium battery backup
for 10 years of data retention
- Networking:(manufacturing optional)
RLT8019AS, 10 base T
- Display:

- Chipset: C&T 65550 PCI local bus flat-panel with Windows accelerator and Video play back
 - Display memory: on board EDO DRAM 1MB up to 2MB
 - Display resolution: support Flat-panel resolutions up to 640x480, 800x600, 1024x768, 1280x1024
 - supports non-interlaced CRT monitors, 1024x768 64K colors
 - Display connector: DB-15 VGA connector for CRT monitor and 2x 22 pin header for Flat-panel
 - supports 3.3V and 5V Flat-panel
- DiskOnChip: Socket for M-system Disk on Chip
- IDE: Supports up to two, PCI mode 4 enhance IDE hard disk interfaces
- Floppy: Supports up to two floppy disk drives, 3.5" and/or 5.25"
- Parallel Port: Enhanced Bi-directional EPP/ECP parallel port
- Serial Port:
 - One RS232 port with 16C550 UART
 - One RS232/422/485 port with 16C550 UART
- Watch-dog Timer: Can generate a system RESET / The timer interval is 0 ~ 64 sec (16 levels)
- Keyboard Connector:
 - One 6 pin Mini-Din connector is located on the mounting bracket
 - One pin header connector for external keyboard adapter
- Expansion Bus: A 16 Bit PC104 connector for expansion modules
- Power Supply Voltage: Single power +5V/2.5A, 8_pin PS/2 type connector
- Operating Temperature: 32  K to 140  K (0  J to 60  J)
- Board Size: 185mmx122mm

Order Information

- NuPRO-450
Half-Size 486/5x86 SBC, with LCD/VGA and Ethernet