NuPRO-595 series

Socket 7 Low Power Pentium Half-Size SBC with VGA/LCD/Ethernet /WOL



NuPRO-595

Features

- Supports Socket-7 based CPU and Low-Power Pentium
- Intel 430TX Chipset
- System memory up to 128MB SDRAM
- C&T 69000 LCD/CRT VGA chip on board
- Intel 82559 10/100Mbps Ethernet
- Supports DOM & DOC flash disk

Specifications

Standards	ISA
Form Factor	Standard Half-Size PICMG CPU Card Dimension: 185(L)x122(W)mm
CPU/Cache	Socket 7 processor Low-Power Pentium up to 266 MHz, Pentium MMX up to233 MHz, AMD K6, K6-2, K6-3 up to 400 MHz and CyrixMII up to 266MHz L2 Cache: 512KB PBSRAM CPU Bus Frequency: 66MHz
Front Side Bus Speed	66 MHz
Chipset	Intel 82430TX Optimized SDRAM supported Dual BGA package, 82430TX and 82371EB(PIIX4E)
BIOS	Award 4Mb flash memory
RAM	One 168-pin DIMM sockets, Max. 128MB unbuffered SDRAM PC-100 SDRAM without ECC capability Chipset
VGA	C&T 69000 with 2M built-in SDRAM Supports up to 1600x1200 resolution Simultaneous display for both VGA and LCD Supports DSTN & TFT LCD
LAN	One 10/100 Fast Ethernet ports by Intel 82559 Ethernet Controller
IDE	ATA-33, dual channels
Floppy	Standard 34-pin connector

Flash Disk	DOM2000/FLASH2000 flash drive
USB	Supports up to two USB ports via on-board pin-header connector Compliant with USB Specification Rev. 1.1.
Super I/O	Winbond W83977EF, Two 16C550 UART compatible RS-232 COM ports with ESD protection up to 2KV. Printer Port Supported, Supports 5-pin IrDA
Hardware Monitoring	Monitoring CPU temperatures, FAN speed, system temperature and Vcore and DC voltages.
Watchdog Timer	1~255 sec or 1~255 min software programmable, can generate NMI or system reset.
Other Features	ISA high-drive capability 64mA
Operating Temp.	0 to 55˚C
Storage Temp.	-20 to 80˚C
Shock	15G peak-to-peak, 11ms duration, non-operation
Vibration	Non-operation: 1.88Grms, 5-500Hz, each axis Operation: 0.5Grms, 5-500Hz, each axis, with 2.5" HDD
Certificate or Test	CE; FCC class A; HALT

Ordering Information

Model number	Description/Configuration
NuPRO-595	Socket 7 Low PICMG Power Pentium CPU card with VGA/LCD/ Ethernet
NuPRO-596	Socket 7 Low PICMG Power Pentium CPU card with VGA/LCD
Cooler-012	Cooler for NuPRO-590

Note 1: CPU, RAM or HDD are not included.

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