

# NuPRO-595 Series

## Socket 7 Pentium Half-Size SBC with VGA/LCD/Ethernet

### CPU / Cache / FSB

- Socket 7 based Low- Power Pentium up to 266 MHz, Pentium MMX up to 233 MHz, AMD K6, K6-2, K6-3 up to 400 MHz and Cyrix MII up to 266MHz
- L2 Cache: 512KB PBSRAM on board
- CPU Bus Frequency: 66MHz

### Chipset

- Intel 430TX (82430TX and 82371EB)

### BIOS: Award PnP BIOS

- BIOS write protection, provide anti-virus capability
- On-board VGA, Ethernet disable selectable
- DMI BIOS Support: Desktop Management Interface (DMI) allows users to download system hardware-level information such as CPU type, CPU speed, internal & external frequencies and memory size
- Supports system soft power-off (via ATX power supply)
- Support Intel Preboot Execution Environment (PXE)

### Host Memory

- One 168-pin DIMM sockets, Max. 128MB SDRAM
- PC-100 SDRAM without ECC capability
- Optimized SDRAM supported

### On-board Ethernet

- Intel 82559 10 BaseT /100 BaseTX supports Wake on LAN (WOL)

### IDE Ports

- Bus Master IDE controller, two EIDE interfaces for up to four IDE devices, including HDD, ATAPI CD-ROM, LS120, and ZIP drives
- Supports PIO Mode 3/4 or Ultra DMA/33 IDE device

### On Board Super I/O

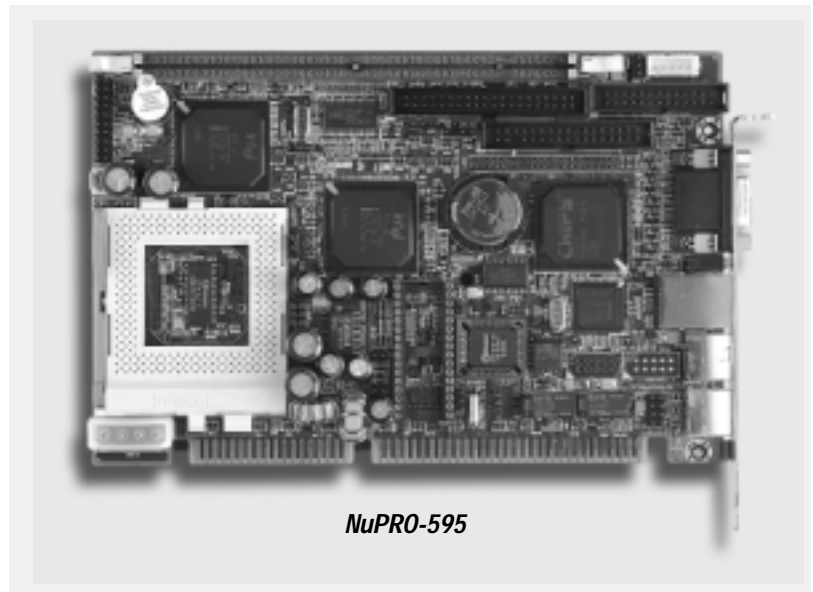
- Winbond W83977EF
- One high-speed bi-directional SPP/EPP/ECP parallel port with ESD protection to 4KV and downstream device protection to 30V
- One floppy interface, support two floppy drives (360KB, 720KB, 1.2MB, 1.44MB, 2.88MB)
- Two 16C550 UARTs compatible RS-232 COM ports with ESD protection to 2KV
- COM2 serial port is RS-232/422/485 selectable
- Supports 5-pin IrDA

### USB Interface

- Two USB pin-header connectors
- Compliant with USB Specification Rev. 1.1.
- Individual over-current protection

### Watch-dog Timer

- Programmable I/O port 2Eh and 2Fh to configure watchdog timer, programmable timer 1~255 seconds or 1~255 minutes
- Bundled easy-programming library for DOS, Windows 95, 98, NT



### Hardware Monitoring

- Winbond W83782D, monitoring CPU temperature, 2 CPU fans, system temperature and DC Voltages

### On-board VGA/LCD Display

- C&T 69000 with 2M built-in SDRAM
- Supports up to 1600x1200 resolution
- Simultaneous display for both VGA and LCD
- Supports DSTN & TFT LCD

### Other Features

- ISA high-drive capability 64mA
- BIOS write protection, provide anti-virus capability

### Flash Disk Supporting

- Supports DOM (8MB~2GB) IDE flash module

PCB Dimension: 185 (L) x 122 (W) mm. Half-sized

Operating Temperature: 0 to 60°C

## Ordering Information

### NuPRO-595

Half size socket 7 low power Pentium SBC with VGA/LCD/Ethernet

### NuPRO-591

Half size socket 7 low power Pentium SBC with VGA/LCD