

# NOVA-300 NOVA-600

386SX-40 Embedded Board With LCD/CRT  
VGA & CPU

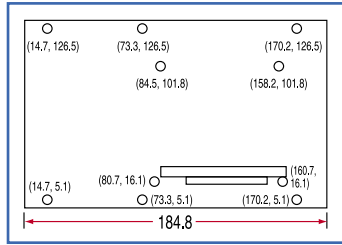
5.25" Disk Size Pentium Class Embedded Board  
With LCD/CRT VGA, 10/100Mbps Ethernet & D I/O

HM 86508 Lcd/CRT VGA



NOVA-300

One SIMM/16MB EDO RAM  
or 4MB EDD n board



NVCB-03



NOVA-600



NVCB-01



NVCB-02

## SPECIFICATIONS

- ◆ CPU: 386SX-40 on board (Embedded in ALi M6117 chipset)
- ◆ System Chipset: ALi M6117C
- ◆ System Memory: One 72-pin SIMM socket up to 16MB EDO RAM; optional 4 MB on board for OEM requirement
- ◆ Display:
  - Chip: HM86508 LCD/CRT VGA
  - V-RAM: 1MB EDO RAM
  - Resolution: 1024 x 768 (256 colors)
  - Connectors: DB-15 for CRT display
  - 44-pin pin-header for LCD panel
- ◆ I/O:
  - 3 x RS-232 ports
  - 1 x RS-232/422/485 selectable port COM3 & COM4 supplies +5V & +12V DC
  - 1 x parallel port (support SPP/EPP/ECP mode)
  - 1 x IDE channel : 40-pin pin-header, supports PIO-4 mode
  - 1 x FDD port
- ◆ WDT: software programmable, support 1~ 255 seconds system reset
- ◆ SSD: One DiskOnChip™ ocket
- ◆ One PC/104 expansion connector for add-on card
- ◆ E<sup>2</sup>Key™: A non-volatile 1Kbit EEPROM is provided to retain application critical read/write data
- ◆ Power Consumption: +5V@1.6A
- ◆ Operating Temperature: 0~60°C
- ◆ Relative Humidity: 5~95%, non-condensing
- ◆ GW: 700g



## ORDERING INFORMATION

- **NOVA-300** 386SX-40 embedded board with 1MB LCD/CRT VGA
- **NOVA-300-M2** 386SX-40 embedded board with 2MB DRAM & 1MB LCD/CRT VGA
- **NOVA-300-M4** 386SX-40 embedded board with 4MB DRAM & 1MB LCD/CRT VGA
- **NVCB-03** Cable set for NOVA-300

## SPECIFICATIONS

- ◆ CPU: Socket-7 base support Intel® Pentium® MMX, AMD K6, IDT WinChip .... up to 66MHz FSB
- ◆ External Cache Memory : 512KB
- ◆ System Memory : One 168-pin DIMM socket up to 128MB SDRAM
- ◆ System Chipset : ALi Aladdin 4+
- ◆ Display:
  - Chip: C&T 69000 LCD/CRT VGA
  - Bus: PCI
  - V-RAM: 2MB RAM
  - Resolution: 1280 x 1024 (256 colors)
  - Connectors: DB-15 for CRT display
  - 50-pin pin-header for 36-bit LCD panel
  - 44 pins pin-header for 24-bit LCD panel (With FP24-01A board) Supports 3.3V and 5V LCD panel
  - Optional LVDS-01 & LVDS-02 module for LVDS interface
- ◆ I/O:
  - 3 x RS-232 ports
  - 1 x RS-232/422/485 selectable port
  - 1 x parallel port (support SPP/EPP/ECP mode)
  - 1 x IrDA
  - 2 x USB Ports (USB 1.1 compliant)
  - 2 x IDE channel (1x40pin, 1x44pin) pin header
  - 1 x FDD
- ◆ Ethernet: Realtek RTL8100BL 10/100Mbps Ethernet chip with RJ-45 connector
- ◆ Isolated Digital I/O :
  - Digital Input : 4 channels
  - Digital output : 4 channels
  - Isolated channel with common power
- ◆ WDT: Software programmable supports 1~ 255 seconds system reset
- ◆ SSD : One DiskOnChip socket
- ◆ One PC/104 expansion connector for add-on cards
- ◆ E<sup>2</sup>Key™: A non-volatile 1Kbit EEPROM is provided to retain application critical read/write data
- ◆ Power Connector : Molex 26-60-4080
- ◆ Power Consumption : +5V@5.1A (Pentium® MMX 233MHz and 32MB SDRAM)
- ◆ Operating Temperature : 0~60°C (CPU cooler required)
- ◆ Relative Humidity : 5~95%, non-condensing
- ◆ GW: 700g

## ORDERING INFORMATION

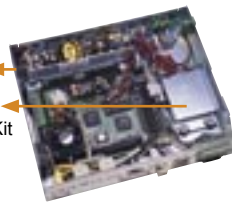
- **NOVA-600-R2** 5.25" disk size Pentium class embedded board with FP24-01A board
- **NVCB-01** Cable kit for NOVA-600 SBC
- **NVCB-02** Power cable kit to ACE-855 series and HDD/FDD for NOVA-600 SBC



MB-3200

Compact Chassis for NOVA-600

HM 86508  
LCD/CRT VGA  
2.5" HDD ANti-  
vibration Drive Kit



## SPECIFICATIONS

- ◆ Compact chassis for NOVA-600
- ◆ Drive Bays: 2 x 2.5" HDD
- ◆ System Fans: Two 4cm cooling fan
- ◆ Power supply: ACE-855 series
- ◆ Dimensions: 305(W) x 61(H) x 254(D)mm; (12" x 2.4" x 10")
- ◆ Net/GW: 3/6 (kg)

## ORDERING INFORMATION

- **MB-3200W/ACE-855A**  
NOVA-600 compact chassis with ACE-855A power supply

## Dimensions

