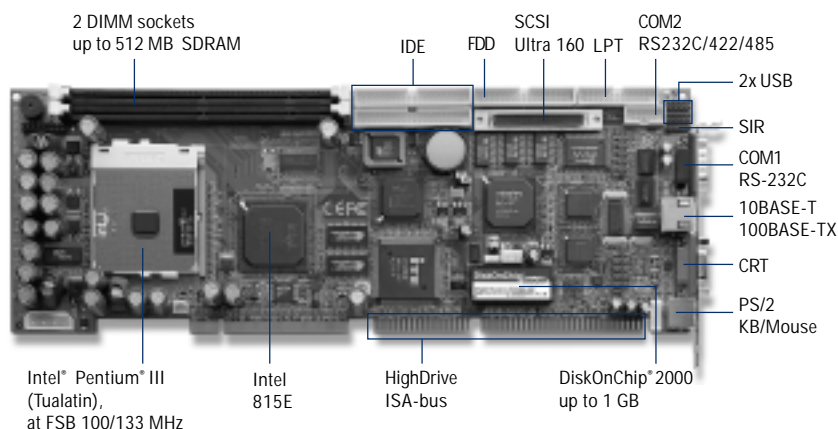


HiCORE-i6320

Full-Size Socket 370 Pentium III, Tualatin SBC with CRT, LAN
(optional Flat Panel TMDs, SCSI or triple LAN Support)



Features



- ★ Socket 370 Pentium III Tualatin 1.4 GHz or Celeron up to 1.3 GHz
- ★ Up to 512 MB SDRAM on DIMM
- ★ Flat Panel / CRT support
- ★ SCSI ULTRA160 Adaptec AIC-7892
- ★ LAN 10/100 Mbps (optional 3 LAN)
- ★ High Drive ISA64, CTI Ready

Specifications

System

- **CPU:** Socket 370 supports Pentium® III (Tualatin) up to 1.4 GHz and Celeron with FSB 133/100 MHz
- **System Memory:** PC-133 SDRAM up to 512 MB on two DIMM sockets
- **L2 Cache:** CPU integrated
- **Chipset:** Intel 82815E & 82801BA
- **BIOS:** Award BIOS with 4Mb Flash in Firmware Hub (FWH) supports PnP, APM, Multi Boot, DMI, ACPI
- **Enhanced IDE:** 2 ports and up to 4 ATAPI devices, Ultra DMA transfer rates 100 MB/sec
- **Watchdog Timer:** 128-level timer generates RESET or NMI
- **Expansion:** 32-bit PCI, 16-bit ISA (PICMG v1.0 passive backplane)
- **High Drive ISA64 bus CTI ready:** 64 mA high drive buffer supports up to 20 ISA based add-on cards

Multiple I/O

- **Serial:** External RS-232C (COM1), internal RS-232C/422/485 (COM2)
- **Parallel:** SPP, EPP and ECP mode
- **Floppy:** 2 x floppy disk drives
- **IrDA:** Onboard IrDA TX/RX port (5-pin header)
- **USB:** 4 x USB v1.1 ports (2x 5-pin header)
- **K/B & Mouse:** PS/2 KB/Mouse port (2-in-1 mini DIN), onboard AT Keyboard (5-pin box header)

SCSI Interface (OEM Request)

- **Chipset:** Adaptec AIC-7892 SCSI ULTRA 160
- **Connector:** Onboard 68-pin male SCSI-3

Triple LAN

- **Chipset:** 1 x Internal 82562ET PHY 10/100 Mbps, autoswitching
- **Connector:** RJ-45 on bracket
- **OEM option:** Additional 2 x Intel 82559 onboard for total of 3 x LAN, requires daughterboard with Dual RJ-45 on bracket

Flash Disk

- **DiskOnChip2000 socket**

Display

- **Chipset:** Intel 815E/82815 Graphics Memory Controller with DVI and CRT support
- **Display Memory:** Up to 32 MB SDRAM (DVMT)
- **CRT:** 1280x1024 @ 24bpp, 1600x1200 @ 8bpp

Optional Daughterboard supports

- **TMDs:** Flat Panel DVI Transmitter up to 165MHz

Mechanical and Environment

- **Power Requirement:** +5 V @ 6.8 A (typical), +12 V @ 0.08 A (typical); (Pentium III 1.0 GHz at 133 FSB and 512 MB PC-133 SDRAM)
- **Operating Temperature:** 0 ~ 60°C (32 ~ 140°F)
- **Relative Humidity:** Up ~ 90% @ 55°C
- **Dimension (L x W):** 338 x 122 mm (13.3" x 4.8")
- **Weight:** 0.6 Kg (1.32 lb)

Ordering Information

HiCORE-i6320VL

Full-size Socket 370 Pentium III Tualatin SBC w/ CRT, LAN

PICMG Passive Backplane Series

IEC-761

6 Slot Wallmount Chassis

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OEM Request

HiCORE-i6320VL3

Full-size Socket 370 Pentium III Tualatin SBC w/ DVI / CRT, and 3 LAN ports (includes FEMD-LD1301 daughterboard)

HiCORE-i6320VL3S

Full-size Socket 370 Pentium III Tualatin SBC w/ DVI / CRT, Ultra 3 SCSI and 3 LAN (includes FEMD-LD1301 daughterboard)