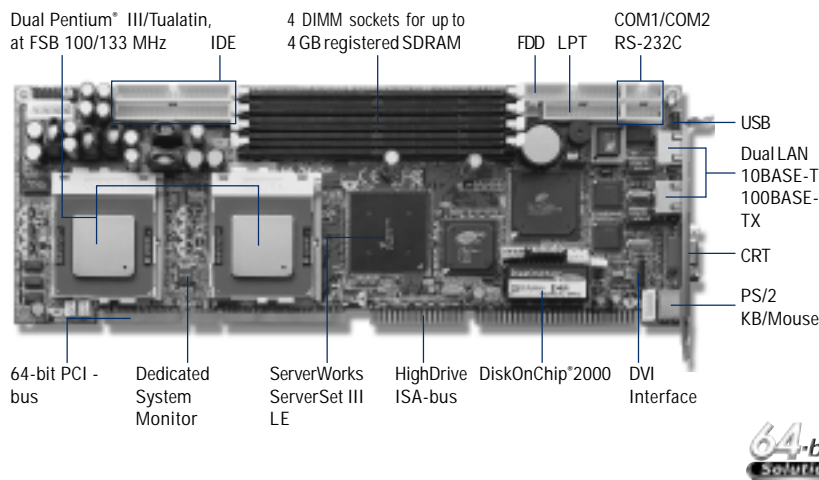


# HiCORE-i6321

Full-size, 64-bit, Dual Pentium III (Tualatin) SBC with Flat Panel / CRT ,  
Dual LAN and Highdrive ISA



## Features



- ★ Dual Socket 370 Pentium III Tualatin up to 1.40 GHz
- ★ ServerWorks III LE-T chipset
- ★ ATI RAGE™ XL SVGA supports CRT and DVI Flat Panel
- ★ To 4 GB of PC133 registered SDRAM
- ★ Dual 10/100 Mbps LAN, Intel 82559
- ★ 64-bit PCI bus
- ★ Highdrive ISA64

## Specifications

### System

- **CPU:** Socket 370 for Dual Pentium® III Tualatin up to 1.4 GHz, Intel® Pentium® III with FSB 100/133 MHz
- **System Memory:** Up to 4 GB of PC-133 Registered SDRAM on four 168-pin DIMM sockets
- **L2 Cache:** CPU integrated
- **Chipset:** ServerWorks, ServerSet III LE supports 64-bit PCI
- **BIOS:** Award BIOS
- **Enhanced IDE:** 2 port and up to 4 ATAPI devices, up to Ultra DMA 33 MB/sec
- **Watchdog Timer:** 128-level timer generates RESET or NMI
- **Expansion Interface:** 64-bit PCI and ISA (PICMG 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:** 2 external high speed RS-232C ports (COM1, 2)
- **Parallel:** SPP, EPP and ECP mode
- **Floppy:** 2 x floppy disk drives
- **IrDA:** Onboard IrDA TX/RX Port (5-pin header)
- **USB:** 2 x USB v.1.1 ports
- **K/B & Mouse:** PS/2 KB/Mouse on bracket, onboard AT Keyboard header

### Dual LAN

- **Chipset:** Intel 82559
- **Type:** 10/100 Mbps, autoswitching
- **Connector:** 2 x RJ-45 with LEDs on bracket

### Flash Disk

- **DiskOnChip2000 socket**

### Display

- **Chipset:** ATI RAGE™ XL
- **Display Memory:** 8 MB SDRAM
- **Display Type:** CRT (VGA, SVGA, XGA, SXGA) & DVI
- **Resolution:** 1024 x 768 @ 16 bpp
- **Flat Panel:** DVI on bracket (included)

### Mechanical and Environment

- **Power Requirement:** +5 V @ 10.03 A (typical), +12 V @ 0.44 A (typical), -12 V @ 0.08 A (typical); (Pentium III Tualatin 1.26 GHz x 2)
- **Operating Temperature:** 0 ~ 55°C (32 ~ 131°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-i6321VL2

Full-size, 64-bit, Dual Pentium III (Tualatin) SBC with Flat Panel / CRT , Dual LAN and Highdrive ISA

### HiCORE-i6321VL

Full-size, 64-bit, Dual Pentium III (Tualatin) SBC with Flat Panel / CRT , Single LAN and Highdrive ISA

(above boards both include DVI bracket for Flat Panel connection)

**PBPX-14P12-64** 64-bit PICMG Passive Backplane with 12 PCI (64-bit) slots **Page 3-21**

**PBPI-14SA-64** 64 bit PICMG Passive Backplane **Page 3-19**

**PBPI-14SD-64** Dual Systems 64 bit PICMG Passive Backplane **Page 3-20**

**PBR-5SA-64** 2U Riser card with 64 bit PCI Bus **Page 3-24**