

EmCORE-i6327

Half Size ISA Intel Pentium III Socket 370 Tualatin SBC with Flat Panel / CRT, Audio & LAN

Slot
Computing



Features

- Intel Pentium III Tualatin CPU up to 1.26GHz
- 1x 168Pin DIMM up to 512MB SDRAM
- Flat panel / CRT, TV-out
- 1 x Realtek RTL8100BL 10/100 base-T LAN
- Audio support

System

CPU	Intel Pentium III Socket 370 CPU up to 1.26GHz FSB100/133MHz
Memory	1 x 168Pin DIMM up to 512MB SDRAM
Chipset	VIA VT8601T + VIA VT82686B
BIOS	Phoenix - AWARD PnP Flash BIOS
ATA / IDE	1 x Ultra DMA 100, support 2 IDE drives
Watchdog Timer	255-level Reset

I/O

Serial Port	1 x RS-232 port (COM1) 1 x RS-232/422/485 port (COM2)
Parallel Port	SPP / EPP / ECP mode
Floppy	Support 2 Floppy disk drives
IrDA	1 x SIR IrDA 1.1 compliant
USB Port	4 x USB 1.1 compliant
KB/MS	1 x PS2 K/B and Mouse
Digital I/O	16bit Digital Input/output

Ethernet

Chipset	Realtek 8100BL 10/100base-T
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Audio

Codec / Interface	VIA VT1612A AC97 Codec, support Mic-in / Line-in / Line-out / CD audio-in
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Display

Graphics Chipset	Trident Blade3D AGP 2X Graphics Engine, integrated in VT8601T up to 8MByte UMA Video RAM
Graphics Interface	CRT support up to 1280 x 1024

Flat SMI722 for EmCORE-i6327VL/S

Graphics Chipset	SMI Lynix3DM8 + SMI 722 128bit GUI 3D Engine, up to 8MByte Video RAM on-die
Graphics Interface	CRT support up to 1280 x 1024 LCD support 16/24bit LVDS up to 640 x 480 TV-Out support NTSC/PAL up to 1024 x 768

Mechanical and Environmental

Power Consumption	EmCORE-i6327/1.26GHz 5V/7.03A, 12V/0.12A, 3.3V/0.8A (Max.)
Operating Temp.	0 ~ 60°C (32 ~ 140°F)
Operating Humidity	0 ~ 90% (non-condensing)
Dimension (L x W)	185 x 122 mm (7.3" x 4.8")

Ordering Information

EmCORE-i6327VL	Half size ISA Intel Pentium III Tualatin SBC with CRT/TTL, Audio & LAN	
EmCORE-i6327VL/S	Half size ISA Intel Pentium III Tualatin SBC with SMI722 for CRT/ LVDS / TTL / TV-out support	
ISA Passive Backplane series		Page 10-18
Half size Wallmount Chassis for ISA Bus series		Page 10-6