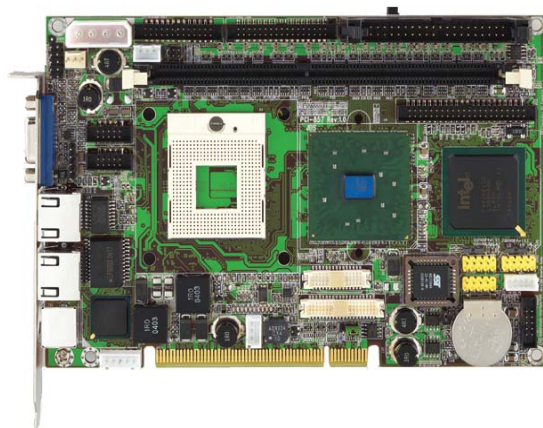


EmCORE-i6419

Half Size PCI Intel Pentium M Dothan Socket 478 SBC with Flat Panel / CRT & LAN



Features

- * Intel Pentium M Dothan socket 478 CPU up to 2.0Ghz FSB400Mhz
- * 1 x 184Pin DIMM support up to 1 GB DDR SDRAM
- * 6 x USB 2.0 ports
- * Supports LVDS panel interface & CRT
- * 10/100 base-T Fast Ethernet
- * Optional 10/100 base-T Fast Ethernet + 1000 base-T Gigabit LAN

System

CPU	Intel Pentium M Dothan Socket 478 CPU up to 2.0Ghz FSB400Mhz
Cache	2nd level 2MByte
Memory	1 x 184Pin DIMM up to 1GB DDR SDRAM
Chipset	Intel 852GM + Intel ICH4 Intel 855GME + Intel ICH4
BIOS	Phoenix - AWARD PnP Flash BIOS
ATA / IDE	IDE 1: 40-pin Ultra DMA 100, support 2 IDE drives IDE 2: 44-pin Ultra DMA 33, support 2 IDE drives
Flash Disk	1 x Type II Compact Flash Disk Socket
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	6 x USB 2.0 compliant
KB/MS	1 x PS2 K/B and Mouse

Ethernet

Chipset	Intel 82562EZ 10/100base-T Intel 82541PI 1000base-T (Gigabit), (Optional)
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Display

Graphics Chipset	Intel 852GM/855GME Extreme Graphics2 Engine, up to 64MByte UMA Video RAM
Graphics Interface	CRT support QXGA up to 2048 x 1536 LCD support 18/24/48bit LVDS up to 1600 x 1200 LCD support 18/24bit TTL up to 1024 x 768 DVI support 12bit up to 1024 x 768 Dual Mode support independent dual display

Audio

Codec/Interface	Realtek ALC655 AC97 Codec, support Mic-in / Line-in / Line-out
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Mechanical and Environmental

Power Consumption	EmCORE-i6419VL/PM1600 5V/4.45 (Max.)
Operating Temperature	0° ~ 60°C (32 ~ 140F)
Storage Temperature	-20° ~ 80°C (- 68 ~ 176F)
Operating Humidity	0% ~ 90%, non-condensing
Dimension (L x W)	185 x 122 mm (7.3" x 4.8")
Weight	0.6 kg (1.32 lb)

Ordering Information

EmCORE-i6419VL	Half size PCI Intel Pentium M Dothan socket 478 SBC with Flat Panel / CRT & LAN
EmCORE-i6419VL2/G (Optional)	Half size PCI Intel Pentium M Dothan socket 478 SBC with Flat Panel / CRT and 1 x LAN & 1 x Gigabit LAN
PCI Backplanes	Page 10-17
Half size Wallmount Chassis for PCI Bus series	Page 10-6