

ITX-i7415

Mini-ITX Pentium M Socket 479 Industrial Motherboard with CRT, LCD, TV-out and LAN



Features

- Intel Socket 479 Pentium M/Celeron M Processor up to 1.8GHz FSB400MHz
- Support DDR 200/266 up to 2GB DDR SDRAM
- Support Dual Display (Independent Display)
- Support 18/36 bit LVDS, CRT, TV-out and DVI (Optional)
- Support 6 x RS-232 Ports
- Support 6 x USB 2.0 Ports
- Support Compact Flash Type I/II Socket up to 4GB
- DC-in 12V or ATX Power Input

System

CPU	Socket 479 for Intel® Pentium M/Celeron M processor up to 1.8GHz FSB400MHz Onboard LVA/LV BGA type Pentium M/Celeron M processor
Cache	CPU on die
Memory	2 x 184-pin DDR DIMM Socket up to 2GB
Chipset	Intel 852GM + Intel ICH4
BIOS	Phoenix-Award PnP Flash BIOS
ATA/IDE	1 x Ultra DMA 100, support 2 IDE drives 1 x 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	5 x RS-232 ports (COM1/3/4/5/6) 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
Expansion Bus	1 x 32 bit/33MHz Mini PCI socket 1 x 32 bit/33MHz PCI slot
KB/MS	1 x PS2 K/B and Mouse
Digital I/O	8 bit Digital Input/Output

Ethernet

Chipset	Intel 82562EZ 10/100 base-T Ethernet
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Audio

Codec/Interface	Realtek ALC655 AC97 Codec, support Mic-in/Line-in/Line-out
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Display

Graphics Chipset	Intel 852GM Extreme Graphics2 Engine up to 64MByte UMA Video RAM
Graphics Interface	CRT support up to 2048 x 1536 LVDS support 18/36 bit up to 1600 x 1200 DVI support 12 bit up to 1280 x 1024 TV-out support NTSC/PAL up to 1024 x 768 Dual mode independent display

Mechanical & Environmental

Power Type	DC-in 12V or ATX power supply
Operating Temp.	0 ~ 60°C (32 ~ 140°F)
Operating Humidity	0 ~ 95% (non-condensing)
Dimension (L x W)	170 x 170 mm (6.7" x 6.7")

Ordering Information

ITX-i7415VL/6S	Mini-ITX Pentium M Socket 479 Industrial Motherboard with CRT/LCD/TV-out/LAN
ITX-i7415VL/6S/CM600	Mini-ITX Celeron M 600MHz Industrial Motherboard with CRT/LCD/TV-out/LAN
ITX-i7415VL/6S/CM1000 (Optional)	Mini-ITX Celeron M 1.0GHz Industrial Motherboard with CRT/LCD/TV-out/LAN
Cable Kit	CBK-07-7415-00 Page 5-2
FCDB-1223	DVI Daughterboard Page 5-5

All Specifications are subject to be changed without notice