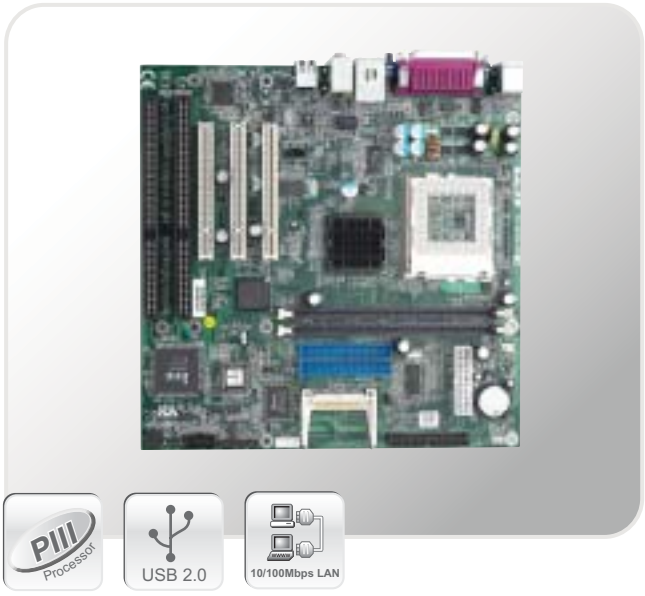
M-815E

MicroATX Industrial Motherboard for Pentium® III/Celeron® Processor with VGA/USB 2.0



Features

- *Socket 370 for Intel® Pentium® III/Celeron™ Processor up to 1.4GHz*
- *Intel® 815E chipset + ICH2, 133/100MHz FSB*
- *133/100MHz SDRAM, up to 512MB*
- *Intel® 82562EM Fast Ethernet LAN, supports 10/100 Base-TX Ethernet*
- *AC97 Audio Codec, 2 x USB 2.0 ports / 2 x COM ports*
- *3 x PCI / 2 x ISA slots, 1 Type II CompactFlash*
- *Watchdog Timer & Hardware Monitor*

Ordering Information

M-815E	MicroATX PIII Industrial Motherboard i815E w/ ICH2, LAN/VGA/USB2.0

Specifications

CPU / Core Logic

CPU/Cache	Intel Socket 370 FC-PGA2 Pentium III with 512KB on-die L2 cache @ full core speed & 133MHz FSB
	Intel Socket 370 FC-PGA Pentium III with 256KB on-die L2 cache @ full core speed & 100/133MHz FSB
	Intel Socket 370 FC-PGA Celeron with 128KB on-die L2 cache @ full core speed & 66/100MHz FSB
	VIA Socket 370 FC-PGA C3 with 64/128KB L2 cache @ full core speed and 100/133MHz FSB
FSB	133/100MHz
Chipset	Intel® 815E Integrated Graphics and Memory Control Hub (GMCH), ICH2
BIOS	Award 4Mb flash memory
RAM	Two 168-pin DIMM sockets, max. 512MB un-buffered PC-133 SDRAM

VGA

VGA	Intel 815E built-in hyper-pipelined architecture 3D graphics engine, 4MB video memory for optimized performance, AGP 4X, ACPI, and VESA compliant

Ethernet

Ethernet	One 10/100 Fast Ethernet port by Intel 82562 Ethernet Controller

I/O Interfaces

IDE	ATA-100, dual channels
CompactFlash	One CompactFlash Type II connector on secondary IDE port
Floppy	Standard 34-pin connector.
USB	2 x USB 2.0 ports
	2 x USB 1.1 ports
Super I/O	Winbond W83627HF, two 16C550 UART compatible RS-232 COM ports with ESD protection up to 2KV.
	Printer port supported
Hardware Monitoring	Monitors CPU temperatures, FAN speed, system temperature and Vcore and DC voltages.
Watchdog Timer	1-255 sec or 1-255 min software programmable, can generate system reset.
Audio	Integrated audio controller with AC'97 interface
Power Connector	ATX type connector
Extension Slot	3 x PCI slots
	2 x ISA slots
	1 x Type II CompactFlash

Mechanical and Environmental

Form Factor	Standard MicroATX Motherboard
Dimension	244 x 244mm (L x W)
Operating Temp.	0 to 55˚C
Storage Temp.	-20 to 80˚C
Relative Humidity	10% to 90% (non-condensing)
Compliance	CE, FCC Class A

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