M-855

MicroATX Socket M Intel® Pentium® M Industrial Motherboard with GbE, LVDS, Serial ATA, and CF



Features

- *MicroATX Industrial Motherboard*
- *Socket M Intel® Pentium® M/Celeron® M processor with low power consumption*
- *10/100/1000Base-T Gigabit Ethernet*
- *Numerous value-added functions such as CF card reader and four COM ports for custom applications*

Ordering Information

M-855	MicroATX Socket M Intel® Pentium® M Industrial Motherboard with GbE, LVDS, Serial ATA, and CF

Note: CPU cooler is included.

Specifications

System

CPU	Socket 479 Intel® Pentium® M, Celeron® M processor
FSB	400 MHz
Chipset	Intel® 855GME + ICH4
Memory	DDR 333/266 MHz, up to 2 GB
BIOS	Award 4 Mb flash memory
Watchdog Timer	1-255 sec or 1-255 min software programmable and can generate system reset
Hardware Monitor	CPU/System temperature, fan speed and onboard DC voltages

I/O Interfaces

IDE	Two-channel UltraATA 66/100
Serial ATA	Two Serial ATA ports with 1.5Gbps data transfer rate
CompactFlash®	One CompactFlash® Type II socket
USB	Eight USB 2.0 ports (four on rear panel, four on onboard pin header)
Multi I/O	Two RS-232, two RS-232/422/485, one LPT, one Floppy, one IrDA, one PS/2 keyboard, and one PS/2 mouse
Audio	AC'97 Audio with Line-In, Line-Out, and Mic-In

Display

VGA	Intel® 855GME integrated VGA (Intel® Extreme Graphics 2)
LVDS	Intel® 855GME integrated LFP Transmitter interface supports LVDS LCD panel resolutions up to UXGA (1600 x 1200)

Ethernet

Gigabit LAN	Onboard Intel® 82541GI GbE controller supports 10/100/1000Base-T Gigabit Ethernet

Mechanical and Environmental

Standards	MicroATX
Dimensions	244 mm x 244 mm (9.6" x 9.6", L x W)
Operating Temp.	0˚C to 60˚C
Storage Temp.	-20˚C to 80˚C
Relative Humidity	10% to 90% (non-condensing)
Compliance	CE, FCC Class A

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