



Features

- FlexATX Industrial Motherboard
- Socket M Intel® Core™2 Duo, Core™ Duo, Core™ Solo and Celeron® M processor at 667/533 MHz FSB
- Intel® 945GM + ICH7-M chipset with Dual-Channel DDR2 667/533 MHz
- Two Gigabit Ethernet ports via PCIe® x1
- High computing performance with low power consumption



Specifications

Processor & System

CPU	Intel® Core™2 Duo Mobile T7400, 2.16GHz, 667MHz FSB, 4MB L2 Cache, 65nm, 34W TDP, Socket M Intel® Core™ Duo Mobile T2500, 2.0GHz, 667MHz FSB, 2MB L2 Cache, 65nm, 31W TDP, Socket M Intel® Celeron® M 530, 1.73GHz, 533MHz FSB, 1MB L2 Cache, 65nm, 31W TDP, Socket M Intel® Celeron® M 440, 1.86GHz, 533MHz FSB, 1MB L2 Cache, 65nm, 27W TDP, Socket M
Chipset	Intel® 945GM + ICH7-M
Memory	Dual-Channel DDR2 667/533 MHz SODIMM, up to 2 GB
BIOS	Award 4 Mb flash memory
Watchdog Timer	1-255 sec./min. software programmable and can generate system reset
Hardware Monitor	CPU/System temperature, fan speed and onboard DC voltages
Operating Systems	Windows® XP, Server 2003 Fedora™ Core 5

I/O Interfaces

IDE (PATA)	1x UltraATA-66/100
Serial ATA	2x SATA 1.5 Gb/s ports
Expansion Slots	2x PCIe® x1 slots and 1x PCI™ slot
USB	6x USB 2.0 ports (4x rear panel, 2x onboard pin header)
KB/MS	2x Mini-DIN for PS/2 keyboard/mouse
Floppy	1x Floppy
Parallel Port	1x LPT
Serial Port	2x RS-232

Audio

Audio Codec	Realtek ALC883 AC'97 codec
Interface	AC'97 Audio with Line-In, Line-Out, and Mic-In

Display

Graphics	Intel® 945GM integrated VGA (GMA 950)
VRAM	224MB
CRT	External Dsub-15 connector

Ethernet

Controller	Two onboard Intel® 82573E GbE controllers support 10/100/1000Base-T dual Gigabit Ethernet
Interface	PCIe x1 bus
Wake On LAN	Yes

Mechanical and Environmental

Form Factor	FlexATX
Dimensions	229 mm x 191 mm (9.6" x 9.6", L x W)
Operating Temp.	0°C to 60°C
Storage Temp.	-20°C to 80°C
Certifications	CE, FCC Class A
Relative Humidity	10% to 90%, non-condensed

Ordering Information

Model Number	Description/Configuration
M-885	FlexATX Socket M Intel® Core™2 Duo Industrial Motherboard with DDR2, Dual-GbE, LVDS, and PCIe® x1

Note: CPU, Memory module and Cooler kit are not included.

Optional Accessories

Model Number	Description/Configuration
Socket-M 1U CPU Cooler	1U CPU cooler with backplate

Packing List

M-885	1x dual-plug SATA power cable
M-885 I/O shield	Driver CD
1x UltraATA 100 IDE cable	User's manual
2x SATA data cables	