MIX-250

Embedded Computer System with Intel® Core™ i7/i5/i3 IMB-T40H Mini-ITX Motherboard

NEW



Features

- Intel® Xeon® or 2nd/3rd Gen. Core™ i7/i5/i3 Processor
- VGA, DVI-D display output
- 1x DIO port
- 1x PCIe x4 via riser card
- Flex ATX power supply

Specifications

Processor & System

CPU	Intel® Xeon® Processor E3-1275 (8M Cache, 3.40 GHz)
	Intel® Xeon® Processor E3-1225 (6M Cache, 3.10 GHz
	Intel® Core™ i7-2600 Processor (8M Cache, up to 3.80 GHz
	Intel® Core™ i5-2400 Processor (6M Cache, up to 3.40 GHz
	Intel® Core™ i3-2120 Processor (3M Cache, 3.30 GHz)
	Intel® Pentium® Processor G850 (3M Cache, 2.90 GHz
	Intel® Celeron® Processor B810 (2M Cache, 1.60 GHz)
Chipset	Intel® H61 Express Chipset
Memory	Two 204-pin SODIMM support up to 16GB dual channel DDR3 1333/1066 SDRAM, Non-ECC
BIOS	AMI 32Mb SPI ROM
Watchdog Timer	1-255 sec or 1-255 min software programmable, can generate system reset
Hardware Monitor	Monitoring temperature, voltage and cooling fan status. Auto throttling control when CPU overheats
Operation Systems	Windows XP/7 32/64-bit, Fedora 17, Red Hat Enterprise Linux 6

I/O Interfaces

Serial ATA	2x Serial ATA 3 Gb/s ports
USB	4x rear USB 2.0 ports
	2 internal USB 2.0 ports
KB/MS	1 xPS/2 keyboard/ mouse
Serial Port	2x RS-232 ports
Expansion Slots	1x PCIe x 4, 1x Mini PCIe (interna)
DIO	1x8 pin DIO port

Audio

Audio Codec	Realtek ALC892, 5.1Channel HD Audio
Interface	Line-out, Mic-in, Front Audio Header

Display

Graphics	Intel® GMA HD 3000
VGA	1x VGA, supports max resolution 2048 x 1536 (@75Hz)
DVI	1x DVI-D, supports max resolution 1920 x 1200
Dual Display	VGA+DVI-D

Ethernet

Controller	2x Realtek 8111E Gigabit Ethernet
Interface	RJ45
Wake On LAN	Yes
Dimensions	318.8 mm x 278 mm x 65.3 mm (W x D x H)
Operating Temp.	0°C to 45°C
Storage Temp.	(-20°C) to +75°C
Certifications	CE, FCC Class A

Mechanical Layout



Ordering Information

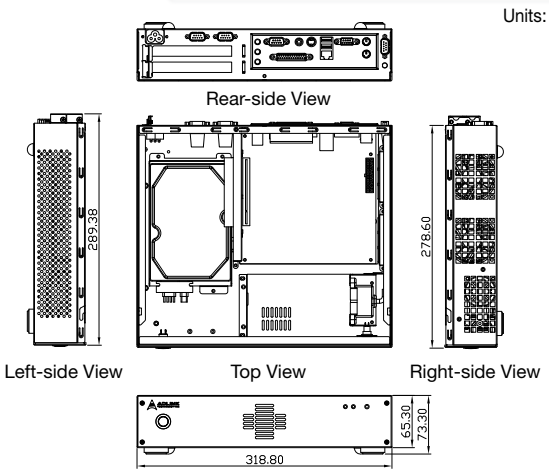
Model Number	Description/Configuration
MIX250-I74G320e4e41-G-D	MK-220, IMB-T40H, Intel Core i7-2600, 4GB RAM, 3.5" 320G, 250W power, PCIex4, GIE64+, 1x DIO port
MIX250-I74G320e4e41-0-0	MK-220, IMB-T40H, Intel Core i5-2400, 4GB RAM, 3.5" 320G, 250W power, PCIe x4
MIX250-T40He4-1-0-0	MK-220, IMB-T40H, 250W power, PCIe x4 (bare-bone system)

Optional Accessories

Model Number	Description/Configuration
e4e42	PCIEx4 to 2slot PCIEx4 riser card
e4e12	PCIEx4 to 2slot PCIEx1 riser card
e4S2	PCIEx4 to 2slot PCI riser card
--	Wall-mount bracket

Dimensions

Units: mm



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