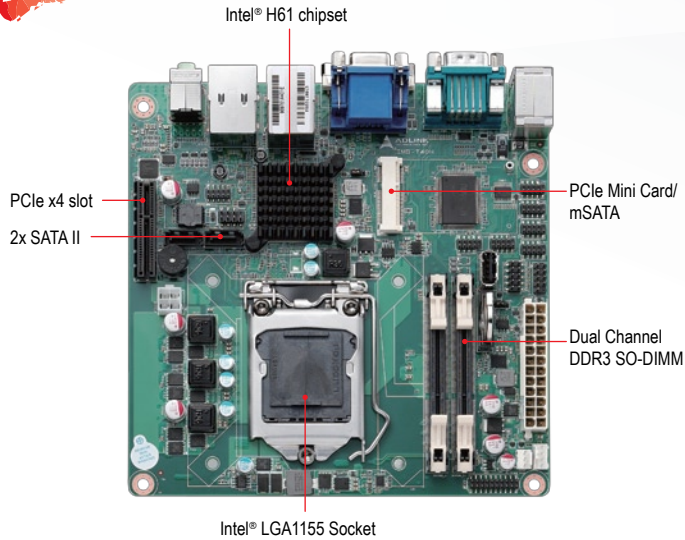


IMB-T40H

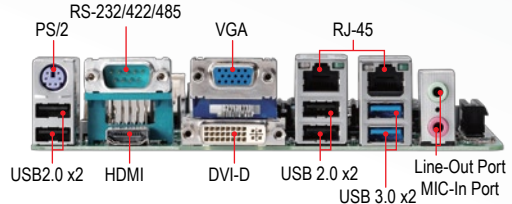
Mini-ITX Intel® Core™ i7/i5/i3 Industrial Motherboard

NEW



Features

- LGA1155 Intel® 3rd Gen Core™ i7/i5/i3 Processor
- VGA, DVI-D, HDMI display output
- PCIe x4 and PCIe Mini Card slot
- Dual USB 3.0 ports



Specifications

Processor & System

CPU	<p>Intel® Xeon® Processor E3-1275v2, 3.5 GHz, 8M Cache, 22nm, 77W TDP, LGA1155 (4C)</p> <p>Intel® Xeon® Processor E3-1225v2, 3.2 GHz, 8M Cache, 22nm, 77W TDP, LGA1155 (4C)</p> <p>Intel® Core™ i7-3770, 3.40 GHz, 8M Cache, 22nm, 77W TDP, LGA1155 (4C)</p> <p>Intel® Core™ i5-3550S, 3.0 GHz, 6M Cache, 22nm, 65W TDP, LGA1155 (4C)</p> <p>Intel® Core™ i3-3220, 3.30 GHz, 3M Cache, 22nm, 55W TDP, LGA1155 (2C)</p> <p>Intel® Pentium® G2120, 3.10 GHz, 3M Cache, 22nm, 55W TDP, LGA1155 (2C)</p> <p>Intel® Celeron® G1620, 2.7 GHz, 2M Cache, 22nm, 55W TDP, LGA1155 (2C)</p>
Chipset	Intel® H61 Express Chipset
Memory	<p>Two channel DDR3-1333/DDR3L-1600 (DDR3L I/O Voltage is 1.5V) support</p> <p>Two 204PIN DDR3 SODIMM Socket (Vertical type)</p> <p>Maximum capacity per DIMM 8GB</p> <p>Maximum capacity 16GB</p> <p>DDR3 1333 support 1G/2G/4G</p> <p>DDR3L(DDR3L I/O Voltage is 1.5V) 1600 support 2G/4G/8G</p> <p>No ECC support</p>
BIOS	AMI 32 Mb SPI BIOS
Watchdog Timer	1-255 sec or 1-255 min software programmable, can generate system reset
Hardware Monitor	CPU/System temperature, fan speed and onboard DC voltages
Operation Systems	Windows® XP/7 32/64-bit, Fedora™ 17, RedHat™ Enterprise Linux 6
I/O Interfaces	
Serial ATA	2x Serial ATA II port with 3.0 Gbps data transfer rate
Expansion Slots	<p>1x PCI Express x4 slot complied with PCI Express Base 2.0 specification</p> <p>1x Mini-PCIe full card support (Gen2 IF colay with USB2.0/mSATA SATAII)</p>
USB	<p>2x USB3.0 connector at rear side</p> <p>4x USB2.0 connector at rear side, 1x USB2.0 connector on board (vertical type), 2x USB2.0 pin header by onboard pin headers</p>

KB/MS	1x PS/2 connector at rear side
Serial Port	5x RS-232 pin headers, 1x RS-232/422/485 connector at rear side
Digital IO	8 in and 8 out, one +5V and one ground pin, one SMB_CLK and one SMB_DATA pin

Audio

Audio Codec	Realtek® ALC892
Interface	Line-out, Mic-in

Display

Graphics	Intel® HD Graphics (based on CPU)
CRT	VGA support up to 2048 x 1536@75 Hz
DVI	DVI-D support up to 1920x1200@60 Hz
HDMI	HDMI V1.3a support up to 1920x1200@60 Hz
Dual Display	VGA+DVI-D, VGA+HDMI, DVI+HDMI

Ethernet

Controller	2x 10/100/1000BASE-T Gigabit Ethernet ports by Realtek RTL8111E
Interface	PCI Express x1 Bus
Wake On LAN	Yes

Mechanical and Environmental

Form Factor	Mini-ITX
Dimensions	170 mm x 170 mm (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
IMB-T40H	Mini-TX Intel Core™ i7/i5/i3 Industrial Motherboard