

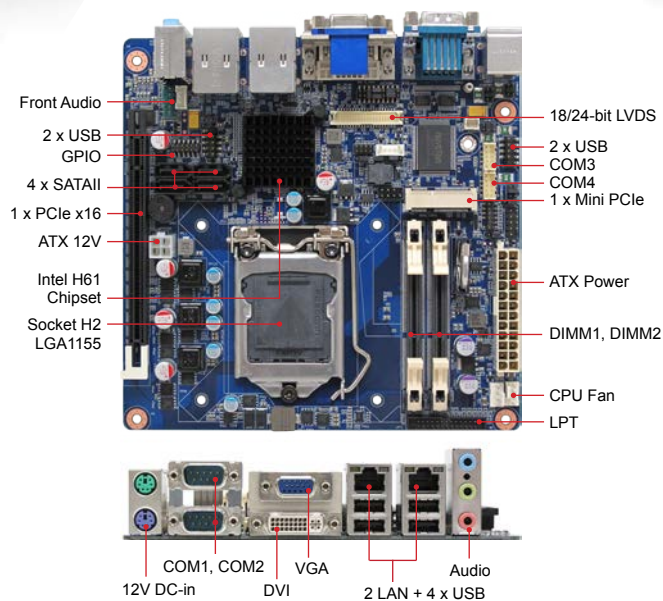
# MX61H

## mini-ITX Motherboard

Intel H61 Mini ITX supports 22nm/32nm Intel® Desktop Core™ i7/i5/i3 Processors

## Features

- Socket H2 LGA1155 supports 22nm/32nm Intel® Desktop Core™ i7/i5/i3 and Celeron® Processors
- Intel® H61 PCH
- Supports up to 16GB dual channel DDR3 SODIMM system memory
- DVI, VGA
- 18/24-bit LVDS
- 4 x SATA II
- 8 x USB
- 4 x COM
- 1 x 8-bit GPIO
- 1 x LPT port onboard



## Specifications

### System

<b>CPU</b>	Socket H2 LGA1155 supports 22nm/32nm Intel® Desktop Core™ i7/i5/i3 and Celeron® Processors up to TDP 95W
<b>System Chipset</b>	Intel® H61 PCH
<b>System Memory</b>	Two SODIMM sockets support up to 16 GB dual channel 1066/1333 MHz DDR3 memory modules
<b>BIOS</b>	AMI® 32Mb SPI BIOS
<b>I/O Chip</b>	Nuvoton NCT6776F
<b>Expansion</b>	1 x PCI Express x16 1 x Mini PCI Express
<b>TPM</b>	TPM1.2 (Infineon® TPM chip 9635 TT 1.2 on board, optional)
<b>Watchdog Timer</b>	Reset: 1 sec. ~ 255min. and 1sec. or 1min./step
<b>H/W Status Monitor</b>	Monitoring System Temperature, Voltage, with Auto Throttling Control

### Rear I/O

<b>B/MS</b>	1 PS/2 Keyboard, 1 PS/2 Mouse
<b>Audio</b>	Line-in, Line-out, Mic-in, Front Audio Header
<b>USB</b>	4 x USB
<b>COM (Serial Port)</b>	1 x RS-232/422/485, 1 x RS-232
<b>LAN</b>	2 x RJ45
<b>Display</b>	1 x DB-15, 1 x DVI-D

### Onboard I/O

<b>LVDS</b>	1 x LVDS
<b>USB</b>	2 x USB Headers (4 USB Ports)
<b>COM (Serial Port)</b>	3 x RS-232 Headers
<b>SATA</b>	4 x SATA II
<b>MIO</b>	1 x 8-bit GPIO Header, 1 x 4-pin Fan Header, 1 x 4-pin Chassis Fan Header, 1 x Front Audio, 1 x Front Panel, 1 x Amplifier Header, 1 x LPT

### Display

<b>Graphics Engine</b>	Intel® HD Integrated Graphics
<b>Display Memory</b>	DVMT Support up to 1.7GB Memory
<b>Display Interfaces</b>	DVI-D, VGA, 18/24-bit Dual Channel LVDS
<b>Display Capability</b>	Supports dual display

### Audio

<b>HD Codec</b>	Realtek® ALC892 HD Audio
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### Ethernet

<b>LAN1</b>	Realtek® RTL8111E Gigabit LAN Controller
<b>LAN2</b>	Realtek® RTL8111E Gigabit LAN Controller

### Mechanical & Environment

<b>Power Type</b>	20+4 Pin ATX Standard
<b>Operating Temp.</b>	0 ~ 60°C (32 ~ 140°F)
<b>Storage Temp.</b>	-20 ~ 80°C (-4° ~ 176°F)
<b>Operating Humidity</b>	5%~90% Relative Humidity, Non-condensing
<b>Form Factor</b>	Mini ITX
<b>Dimensions</b>	6.7" x 6.7" (170mm x 170mm)
<b>Weight</b>	0.88lbs (0.4kg)

### Ordering Info

<b>MX61H</b>	Intel H61 Mini ITX Motherboard
<b>Accessories Included</b>	1 x Dual COM Port Cable, 2 x SATA Data Cable with Latch, 1 x I/O Shield, 1 x Driver DVD, 1 x Quick Start Guide
<b>182000000044</b>	2.00mm pitch 11.8" length Parallel cable w/ full height bracket
<b>183000000006</b>	2.00mm pitch 12" length Serial cable
<b>182437200040</b>	2.54mm pitch 14" length Dual port USB cable w/ full height bracket

\* All product specifications and images are subject to change without notice.  
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