

Features

- Socket H2 LGA1155 supports 22nm/32nm Intel® Desktop Core™ i7/i5/i3 and Celeron® Processors
- Intel® H61 PCH
- Supports DDR3 SODIMM system memory up to 16GB
- 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
- 1 x PCIe x16
- 1 x Mini PCIe

Specification

System

CPU	Socket H2 LGA1155 supports 22nm/32nm Intel® Desktop Core™ i7/i5/i3 and Celeron® Processors up to TDP 95W
Chipsets	Intel® H61 PCH
System Memory	Two SODIMM slots support up to 16 GB Dual Channel DDR3 1066/1333 MHz
BIOS	AMI® 32Mb SPI BIOS
Expansion Interface	1 x PCI Express x16, 1 x Mini PCI Express
Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
H/W Status Monitor	Yes

Display

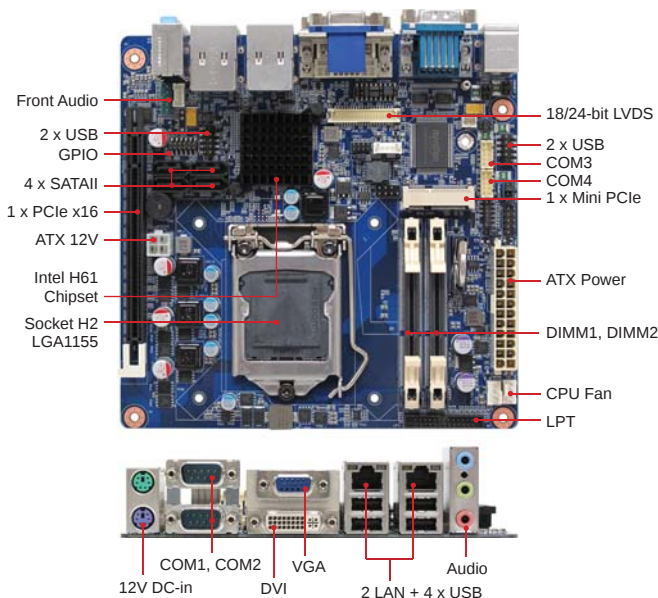
Graphics Engine	Intel® HD Integrated Graphics
Dual Display	DVI-D, VGA, 18/24-bit Dual Channel LVDS

Onboard I/O Headers

SATA	4 x SATA II
USB	2 x USB Headers (4 USB Ports)
COM	2 x RS-232 Headers (With 5V/12V Voltage Selection)
GPIO	1 x 8-bit GPIO Header
Fan	1 x 4-pin Fan Header, 1 x 4-pin Chassis Fan Header
Front Audio	1 x Front Audio Header
Front Panel	1 x Front Panel
Amplifier	1 x Amplifier Header
LPT	1 x LPT

Back I/O Panel

PS/2	2 x PS/2 Connector (Keyboard & Mouse)
COM	1 x RS-232/422/485, 1 x RS-232
Display	1 x DB-15 VGA, 1 x DVI-D
LAN and USB	2 x Stack up RJ45 and USB Connectors (4 x USB)
Audio	1 x 3-Jacks Audio Connector



Audio

Audio Codec	Realtek® ALC892 HD Audio
Amplifier	3 Watt x 2 Amplifier

Ethernet

LAN 1	Realtek® RTL8111E Gigabit LAN Controller
LAN 2	Realtek® RTL8111E Gigabit LAN Controller

Mechanical and Environment

Power Type	20+4 Pin ATX Standard
Operating Temperature	0~60°C (32~140°F)
Operating Humidity	5%~90% relative humidity, non-condensing
Form Factor	Mini ITX
Dimensions	6.7" (L) x 6.7" (W)
Weight	0.88 lbs

Ordering Information

MX61H

Intel H61 Mini ITX Motherboard

Accessories Included

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

182000000044

2.00mm pitch 11.8" length Parallel cable w/ full height bracket

183000000006

2.00mm pitch 12" length Serial cable

182437200040

2.54mm pitch 14" length Dual port USB cable w/ full height bracket

* All product specifications are subject to change without notice. Last update: 2/5/2013