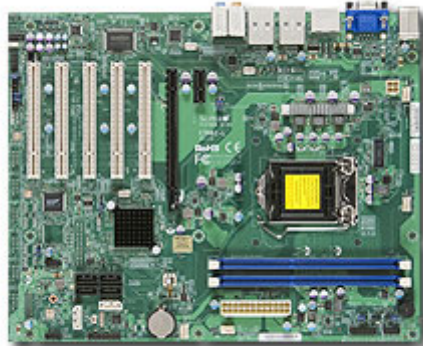




C7H61-L

[Products](#) ▶ [Motherboards](#) ▶ [Core™ Boards](#) ▶ [C7H61-L]



Key Features

1. Intel® 2nd and 3rd Gen Core i7/i5/i3, Pentium, Celeron processors supported; LGA 1155
2. Intel® H61 Express chipset
3. Up to 16GB 1600MHz non-ECC DDR3 UDIMMs on 2 DIMM slots
4. 1 (x16) PCI-E 3.0, 1 (x1) PCI-E 2.0, and 5 32-bit PCI slots
5. Intel 82579V and 82574L Dual GbE LAN ports
6. 2 SATA 3.0 (6Gb), 4 SATA 2.0 (3Gb)
7. 10 USB 2.0 ports (6 rear, 4 via header)
8. VGA + DP + HDMI ports
9. Realtek ALC888S-VD2 HD Audio
10. 1x COM port
11. Operating Temperature: 0°C - 60°C

Links & Resources

- ▶ [Tested Memory List](#)
- ▶ [Motherboard Manual](#)
- ▶ [Quick Reference Guide](#)
- ▶ [Update Your BIOS](#)
- ▶ [Download the Latest Drivers and Utilities](#)
- ▶ [Download Driver CD](#)
- ▶ [OS Compatibility](#)

Specifications

Product SKUs

- MBD-C7H61-L -O** ■ C7H61-L (Retail Pack)
- MBD-C7H61-L -B** ■ C7H61-L (Bulk Pack)

Physical Stats

- Form Factor** ■ ATX

Expansion Slots

- PCI-Express** ■ 1x (x16) PCI-E 3.0
■ 1x (x1) PCI-E 2.0
- PCI** ■ 5x 32-bit PCI slots (5V Key)

System BIOS

- BIOS Type** ■ 64Mb SPI Flash EEPROM with AMI UEFI

Dimensions	<ul style="list-style-type: none"> 12" x 9.6" (30.5cm x 24.4cm)
Processor/Cache	
CPU	<ul style="list-style-type: none"> Socket H2 (LGA 1155) Intel® 2nd and 3rd Generation Core i7/i5/i3, Pentium, Celeron processors supported
System Memory	
Memory Capacity	<ul style="list-style-type: none"> 2x 240-pin DDR3 DIMM sockets Supports up to 16 GB DDR3 non-ECC Un-Buffered memory (UDIMM) 1600/1333MHz Support non-ECC DDR3 UDIMM only
Memory Type	<ul style="list-style-type: none"> Unbuffered DDR3 SDRAM 64-bit, 240-pin gold-plated DIMMs
DIMM Sizes	<ul style="list-style-type: none"> 8GB, 4GB, 2GB
Memory Voltage	<ul style="list-style-type: none"> 1.5V or 1.35V
On-Board Devices	
Chipset	<ul style="list-style-type: none"> Intel® H61 Express chipset
SATA	<ul style="list-style-type: none"> SATA 3.0 (6Gb/s) and SATA 2.0 (3Gb/s)
Network Controllers	<ul style="list-style-type: none"> Intel 82579V and 82574L Gigabit Ethernet Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
Audio	<ul style="list-style-type: none"> REALTEK ALC888S-VD2 HD Audio
Super I/O	<ul style="list-style-type: none"> Nuvoton NCT6776F
Input / Output	
Serial ATA	<ul style="list-style-type: none"> 4x SATA 2.0 ports 2x SATA 3.0 ports
LAN	<ul style="list-style-type: none"> 2x RJ45 LAN ports
USB	<ul style="list-style-type: none"> 10x USB 2.0 ports (6 rear, 4 via headers)
Audio	<ul style="list-style-type: none"> Line-in / Line-out / Microphone Ports; optical S/PDIF port, Front Panel Header
DOM (Disk on Module)	<ul style="list-style-type: none"> DOM power connector support
Serial Port / Headers	<ul style="list-style-type: none"> 1x COM port
Others	<ul style="list-style-type: none"> VGA + DP + HDMI ports

BIOS	
BIOS Features	<ul style="list-style-type: none"> Plug and Play (PnP) DMI 2.3 PCI 2.3 ACPI 1.0 / 2.0 USB Keyboard support RTC (Real time Clock) Wakeup 3TB HDD Support
Management	
Software	<ul style="list-style-type: none"> SuperDoctor® III Watch Dog
Power Configurations	<ul style="list-style-type: none"> ACPI / ACPI Power Management Main Switch Override Mechanism Wake-On-LAN (WOL) header Wake-On-Ring (WOR) header Keyboard Wakeup from Soft-Off Power-on mode for AC power recovery
PC Health Monitoring	
Voltage	<ul style="list-style-type: none"> Monitors for CPU Cores, +1.8V, +3.3V, +5V, ±12V, +3.3V Standby, +5V Standby, VBAT, HT, Memory, Chipset Voltages. Digital 4+2 Phases auto sensing voltage regulator for CPU and Integrated Graphics Processor
FAN	<ul style="list-style-type: none"> Total of 4 fan headers supporting up to 4 fans 4x fans with tachometer status monitoring Status monitor for speed control Status monitor for on/off control Support 3-pin fans (w/o speed control) Low noise fan speed control Pulse Width Modulated (PWM) fan connectors
Temperature	<ul style="list-style-type: none"> Monitoring for CPU and chassis environment CPU thermal trip support Adaptive Thermal Monitor support PECI 3.0
LED	<ul style="list-style-type: none"> CPU / System Overheat LED Standby alert LED
Other Features	<ul style="list-style-type: none"> Chassis intrusion detection Chassis intrusion header eUSB standoff

Note: For optimized or compatible chassis, additional parts may be required, please check with Supermicro sales rep

Parts List

Parts List (Bulk Package)

	Part Number	Qty	Description
C7H61-L	MBD-C7H61-L -B	1	C7H61-L Motherboard
I/O Cable	CBL-0044L	2	57.5CM SATA FLAT S-S PBF

[Terms & Conditions](#) | [Privacy](#) | [Investor Relations](#) | [Jobs](#) | [Site Map](#)

[SuperServer®](#) | [Motherboard](#) | [Chassis](#) | [Rack Cabinet](#) | [SuperBlade®](#) | [Embedded](#) | [Networking](#) | [Storage](#) | [Accessories](#) | [AMD Solution](#) | [Power Supplies](#)

Copyright © 2017 Super Micro Computer, Inc.

Information in this document is subject to change without notice.

Other products and companies referred to herein are trademarks or registered trademarks of their respective companies or mark holders.