



EMX-H61

Intel® 2nd/ 3rd Generation Core™/ Pentium®/ Celeron® Mini ITX Motherboard with Intel® H61 Express Chipset

- > Intel® LGA1155 Socket Supports 2nd/ 3rd Generation Core™ i7/i5/i3, Pentium® and Celeron® Processors (Max. TDP at 95W)
- > Intel® H61 Express Chipset
- > 2 x 240-Pin DDR3 1066/1333 MHz DIMM supports up to 8 GB
- > VGA, DVI-D, HDMI
- > 2 x Broadcom® 57788 PCIe Gigabit Ethernet
- > Realtek ALC892 Supports 7.1-CH HD Audio
- > 1 x Mini PCIe, 1 x PCIe x 16
- > 4 x SATA II
- > 2 x USB 3.0, 8 x USB 2.0
- > ATX Power

+ Spec

System	
Processor	Intel® LGA1155 Socket Supports 2nd/ 3rd Generation Core™ i7/i5/i3, Pentium® and Celeron® Processors (Max. TDP at 95W)
System Chipset	Intel® H61 Express Chipset
System Memory	2 x 240-Pin DDR3 1066/1333 MHz DIMM supports up to 8 GB
I/O Chip	Nuvoton NTC5577D
BIOS	AMI uEFI BIOS, 32Mbit SPI Flash ROM
H/W Status Monitor	Monitoring CPU Temperature and FAN Status with Auto Throttling Control
Expansion	
Expansion	1 x PCIe x 16 1 x Mini PCIe
I/O	
USB	2 x USB 3.0 8 x USB 2.0
SATA	4 x SATA II 3.0Gb/s
Other	1 x S/PDIF-out Header
Display	
Chipset	Intel® 2nd/ 3rd Generation CPU integrated VGA + DVI-D, VGA + HDMI, DVI-D + HDMI
Resolution	VGA: 2048 x 1536 @ 60Hz HDMI: 1920 x 1200 @ 60Hz DVI-D: 1920 x 1200 @ 60Hz
Audio	
Chipset	Realtek ALC892 supports 7.1-CH
Audio Interface	Mic-in, Line-out, Line-in, Rear R/L, S/PDIF
Ethernet	
Chipset	2 x Broadcom® 57788
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Power Requirement	+12V/+5V/5Vsb/+3.3V/-12V
Power Type	ATX
Operating Temp	0°C ~ 50°C (32°F ~ 122°F)
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (L x W)	6.69" x 6.69" (170mm x 170mm)
Weight	0.88lbs (0.4kg)
Certifications	
Certification Information	

+ Ordering

EMX-H61-A1R
Intel® 2nd/ 3rd Generation Core™/ Pentium®/ Celeron® Mini ITX Motherboard with Intel® H61 Express Chipset