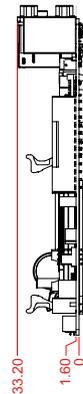
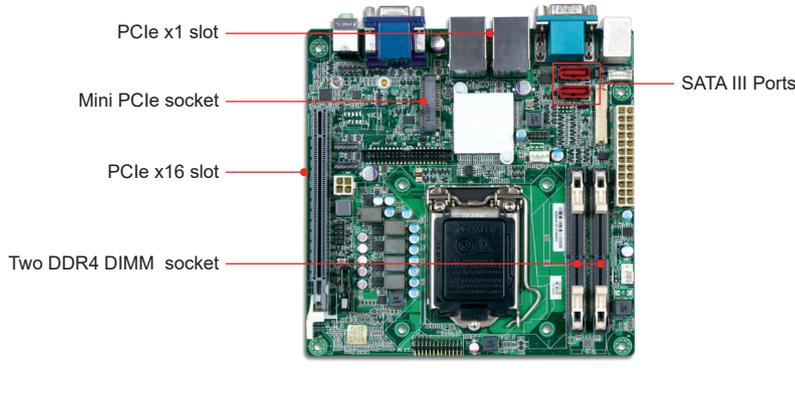


WADE-8210-H110

Leading Desktop Intel® 7th and 6th Gen Core™ Processors (former Kaby Lake/Skylake) Mini-ITX with DDR4 SDRAM, Triple Displays, Two GbE LAN ports, Six COM Ports

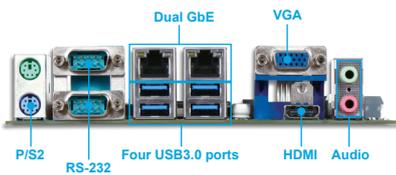


WADE-8210-H110 is based on Intel® H110 chipset and Desktop processors including Intel® 7th and 6th Gen Core™ i3/i5/i7 SKU. This board supports DDR4, PCIe 3.0, and SATA III. Those features help you to build high performance and stable system.

FEATURES

- Intel® 7th and 6th Gen Core™ Processors support
- Supports two SO-DIMMs support DDR4 Non-ECC SDRAM up to 32GB
- Supports dual Ethernet, six COM Ports, eight USB Ports, two SATA III Ports and Audio
- Supports one PCIe x16 slot, and one mini-Ple socket(mSATA)

REAR I/O



ORDERING GUIDE

AB1-3G39	(R),WADE-8210-H110 Mini-ITX ESB.H110 w/o ECC LGA1151.w/DDR4 SO-DIMM /VGA/HDMI/Dual GbE/COM/Audio/USB
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PACKING LIST

One CPU Cooler bracket
One SATA cable
One Installation CD
One I/O shield
One WADE-8210-H110 Main board

GENERAL

Processor	Intel® 7 th and 6 th Gen Core™ Processors CPU in LGA1151 package
Chipset	Intel® H110
BIOS	AMI UEFI BIOS
Memory	Supports up to 32GB DDR4 2133 Non-ECC SDRAM on two 260 pin SO-DIMM socket
Storage Devices	Supports two SATA III port
Watchdog Timer	Programmable watchdog timer, time out period from 1 sec to 255 secs.
Hardware Monitoring	System monitor(Voltage, Fan Speed and Temperature)
Expansion Interface	- 1x PCIe x16 - 1x mini-PCIe socket (Only support mSATA / USB2.0)

I/O INTERFACE

Super I/O	ITE IT8786E-I
Audio	- High Definition Audio integrated in Intel® SoC - Audio Jack on rear I/O with Line-out/ Mic-in
Ethernet	- Realtek 8111H chip - 2x RJ45 connectors on rear I/O
Serial port	- 2x RS-232 on rear I/O - 4x RS-232 on board 2x20 pin header
USB	- 4x USB3.0 on rear I/O - 4x USB2.0 on board pin header
GPIO	8bit configurable controlled by embedded controller

DISPLAY

Graphic Controller	- Intel® Gen 9 Graphics supports DirectX 12, OpenGL 4.2 / OpenCL 2.0 - Video decode HW acceleration support for H.264, H.265, MPEG2, VC-1/WMV9, JPEG, VP8, and VP9
Display Interface	- LVDS: Dual channel 24bit LVDS on board, resolution up to 1920 x1200 - HDMI: One HDMI port on rear I/O, resolution up to 4K (4096x2160@24Hz) - VGA: One VGA port on rear I/O resolution up to 1920x1200 @ 60Hz

Mechanical & Environment

Dimension	170mm(L) x 170mm(W) x 1.6mm(H)
Power Supply	ATX power input
Environment	- Operation Temperature: 0°C to 60°C - Storage Temperature: -20°C to 80°C - Relative Humidity: 5% to 95%, non-condensing
Certification	Over 100,000 hours at 40°C
MTBF	Over 120,000hrs at 40°C

