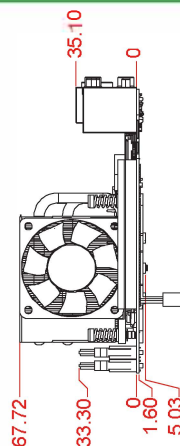
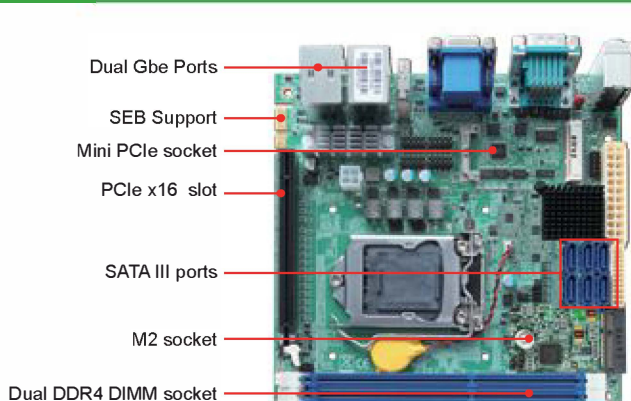


WADE-8017

Leading Desktop Intel® 6th Skylake-S processor
Mini-ITX with DDR4 SDRAM, Triple Displays, Two
GbE LAN ports, Six COM Ports

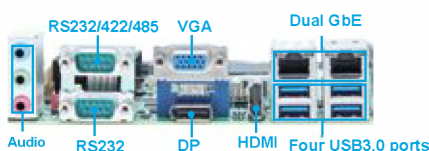


WADE-8017 is based on Intel® C236 chip-set and desktop processors including Core™ i7, i5, and i3 sku. This board supports DDR4 with ECC, PCIe 3.0, and SATA3.0. Those features help you to build high performance and stability system.

FEATURES

- Intel® 6th Skylake-S processor support
- ITwo SODIMMs support DDR4 ECC/Non-ECC SDRAM up to 32GB
- Two 204-pin SODIMMs support single channel DDR3 SDRAM up to 4GB
- Rear I/O, USB 2.0/3.0 dual Gigabit Ethernet, COM Port and SATAIII ports
- One PCIe x 16 (Gen3), one M.2 type E socket, one Mini PCIe

REAR I/O



ORDERING GUIDE

AB1-3D16	(R)WADE-8017 Mini-ITX ESB Q170 w/o ECC LGA1151.w/DDR4 SDRAM /VGA/DP/HDMI/Dual GbE/COM/Audio/ USB
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PACKING LIST

One WADE-8017 motherboard
One Driver CD
One SATA Cable



GENERAL

Processor	Intel® 6 th Skylake-S processor CPU in LGA1151 package
Chipset	SKL PCH-H C236 Series
BIOS	AMI uFEI BIOS (SPI ROM)
Memory	Support up to 32GB DDR4 2133/1866 ECC/ Non-ECC SDRAM on two 260pin DIMM socket
Storage Devices	Up to 8x SATAIII port
Watchdog Timer	Programmable by embedded controller
Hardware Monitoring	System monitor(Voltage,Fan Speed and Temperature)
Expansion Interface	- 1x PCIe x16 GNE3 - 1x M.2 type E socket - 1x Mini PCIe

I/O INTERFACE

Super I/O	N/A
Audio	Audio Jack on rear I/O with Line-in/ Line-out/ Mic-in
Ethernet	- Intel® WGI219LM and Intel® WGI211AT Ethernet controller - 2x RJ45 connectors on rear I/O
Serial Port	- 2x RS232/422/485 port - 4x RS232 port
USB	- 6x USB3.0 - 4x USB2.0
GPIO	8-bit configurable controlled by embedded controller

DISPLAY

Graphic Controller	- Intel® Gen9 graphic engine supports DirectX 12, OpmGL 4.4
Display Interface	- DP:One DP port on rear I/O, resolution up to 4K - HDMI:One HDMI port on rear I/O, resolution up to 4K - VGA:One VGA port on rear I/O resolution up to

Mechanical & Environment

Dimension	170mm(L) x 170mm(W) x 1.6mm(H)
Power Supply	ATX
Environment	- Operation temperature:0~60°C - Storage temperature:40~80°C - Relative humidity:5~95%,non-condensing
MTBF	Over 120,000 hours at 40°C