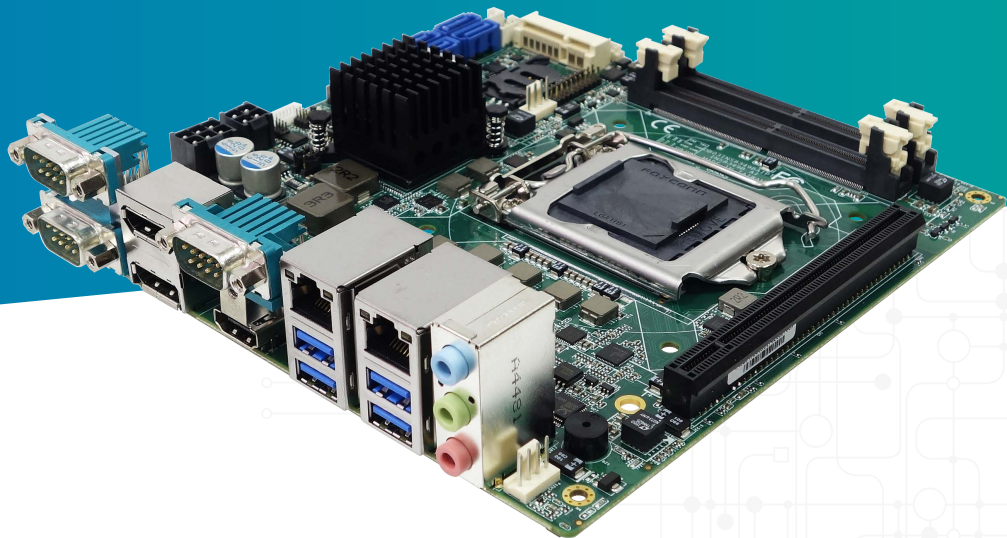


INS8349B

Intel® 6th Gen. Skylake-S Processor Mini ITX Motherboard with Q170 Express Chipset

32GB DDR4 , HDMI/DP/LVDS, 4 COM, 8 USB , 2 Gigabit Ethernet, DC 9~36V,
PCIe x 16 Slot, PCIe M.2



- Support Intel® Skylake-S LGA 1151 for i7/i5/i3, 65W/35W processor
- Intel Q170 Express Chipset
- 2 x DDR4 SO-DIMM up to 32GB
- 1 x HDMI 1.4b, 2 x DP++ and 1 x Dual Channel 24-bit LVDS
- Expansion: 1 x PCIe x16, 1 x MiniPCIe with SIM Card Holder, 1 x M.2(PCIe)
- 4 x COM, 8 x USB, LPC, 16bit DIO
- Dual LAN Ports (1 x Intel I211-IT & 1 x I219-LM GbE)
- 4 x SATAIII
- DC-IN 9~36V

Specifications

System	
CPU	LGA1151 for Intel® 6th Gen. Skylake-S Desktop Processor
Chipset	Q170
System Memory	Two 260-pin SO-DIMM up to 32GB DDR4 2133/2400 MHz SDRAM
BIOS	AMI SPI BIOS
Watchdog	255 levels, 1 ~ 255 sec
Expansion Slot	1 x PCI-Express 3.0 X16 slot 1 x Full-size Mini-PCle w/SIM slot 1 x 2280 M.2 (PCIe Signal)
Display	
Chipset	Intel® HD Graphics 500 series
DisplayPort++	2, 4096x2304 @60Hz
HDMI 1.4b	1, 4096x2304 @24Hz
LVDS	1, Dual Channel 24bit LVDS 1920x1200 @60Hz
Ethernet	
Chipset	1 x Intel® I210-IT 1 x Intel® I219-LM
Rear I/O	
HDMI	1 x HDMI 1.4b
DisplayPort	2 x DP++
Ethernet	2 x RJ45
USB Port	4 x USB3.0
Serial Port	3 x DB9 (1 x RS232/422/485, 2 x RS232)
Audio	3 x Audio Jack (Line-Out/Line-In/MIC-In)

Internal I/O	
Storage	4 x SATAIII Ports 1 x M.2 (M Key, 80*22 mm)
Serial Port	1 x RS232
LVDS	1
DIO	16bit DIO
USB Port	4 x USB 2.0
Mini PCIe	1
SIM Card	1
Audio	
Audio Codec	1 x Realtek ALC888 HD Audio codec, Line-Out/Line-In/MIC-In
Power Requirements	
Power Type	9~36V DC-IN
Mechanical and Environment	
Form Factor	Mini ITX
Power Type	DC 9~36V
Dimension	170mm x 170mm
Operating Temp.	-40°C~85°C (-40°F~185°F)
Storage Temp.	-40°C~85°C (-40°F~185°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

INS8349B

Intel® Skylake-S LGA1151 with Q170 chipset, HDMI 1.4b / DP++ / LVDS, PCIe x16, 1 Mini-PCle,
1 M.2(PCle), 2 Gigabit LAN, 4 SATA, 4 COM, USB3.0, DC 9~36V Input