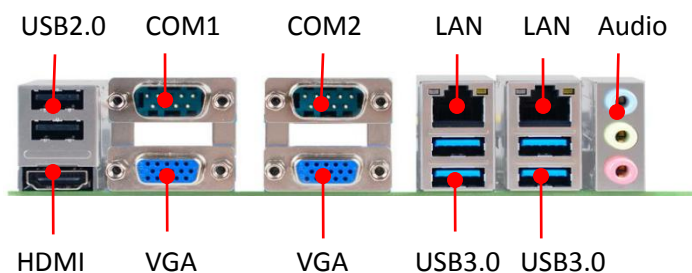
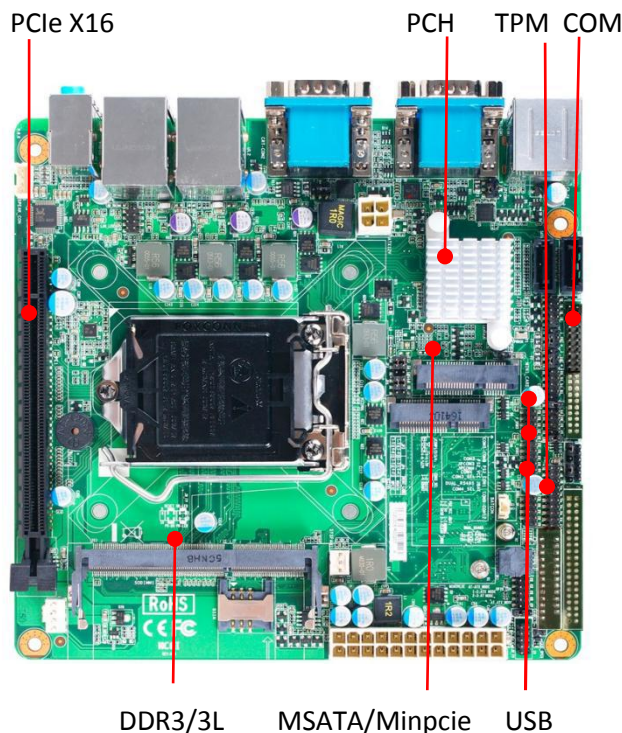


Intel H81 Mini-ITX Support LGA1150 4<sup>th</sup> Gen Haswell Core i3/i5/i7 /Pentium/Celeron Processor w/2VGA/HDMI/2GbE/6COM/12USB

## Specification

Processor	CPU	Intel Core 4 <sup>th</sup> Gen i3/i5/i7/Pentium/Celeron
	Socket	LGA1150
	Chipset	Intel H81 PCH
	BIOS	AMI UEFI
DRAM	Technology	DDR3/DDR3L 1600MHz
	Capacity	Up to 16GB
	Socket	2 ↑ 204-Pin SO-DIMM slot
Display	Graphics	Intel HD Graphics support DX11.1 & OpenCL 1.2
	Graphics Memory	Share System memory up to 1.7GB SDRAM
	VGA	2 (support dummy load)
	HDMI	1 (Ver:1.4a)
	Multi-Display	2 Independent display
LAN	2 x Intel GbE Controller (i211-AT)	
Audio	Realtek ALC662 w/Line-Out/Line-in/Mic	
	CD-In	N/A
Watchdog	Software Programming 1~255s System Reset	
TPM	Yes	
Storage	SATA	2 x SATA3.0 ( 6Gb/s )
	mSATA	1 (Share with Mini PCIe)
I/O	Serial Port	6 x RS232(COM1 .2 support RS232/422/485)
	LPT	N/A
	USB	4 x USB3.0 + 8 x USB2.0
	GPIO	4-In , 4-Out
	PS/2	Yes
	Expansion Slot	PCIe x16
Expansion Slot	PCI	N/A
	Mini PCIe	2 (Full-size) (One share with mSATA)
Power	Type	ATX
Form Factor	170mm x 170mm (Mini-ITX)	
Environment	Operation Temp & Humidity	-10~70°C /10~90%,non-condensing
	Storage Temp & Humidity	-20~80°C /10~90%,non-condensing
Certification	EMC	CE / FCC



## Packing List

P/N	Spec.
920700315	1pcs *PHD Dual USB Cable
920312322	1pcs *SATA Data Cable
/	1pcs x I/O Shield

## Ordering Information

P/N	128635506
Model	SYS86355VGGGA-6C
Spec.	Intel H81 Mini-ITX w/2VGA/HDMI//2GbE/HDA /6COM/12USB

## Processor (Optional)

CPU	i7-4790	i7-4770T	i7-4770	i5-4690	i5-4590	i5-4570T	i5-4460T	i3-4370	i3-4360	i3-4340	i3-4170	G3250	G1840
Speed	3.6GHz	2.5GHz	3.4GHz	3.5GHz	3.3GHz	2.9GHz	1.9GHz	3.8GHz	3.7GHz	3.6GHz	3.7GHz	3.2GHz	2.8GHz
Cache	8M	8M	8M	6M	6M	4M	6M	4M	4M	4M	3M	3M	3M
Core	4C/8T	4C/8T	4C/8T	4C/4T	4C/4T	2C/4T	4C/4T	2C/4T	2C/4T	2C/4T	2C/4T	2C/2T	2C/2T
TPD	84W	45W	84W	84W	84W	35W	35W	54W	54W	54W	54W	52W	52W