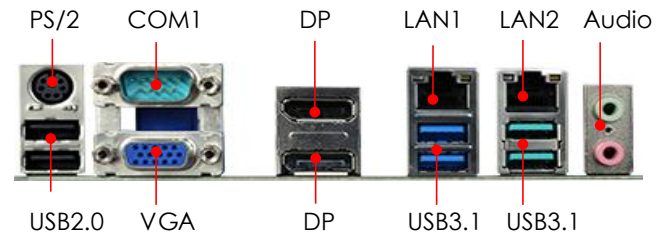
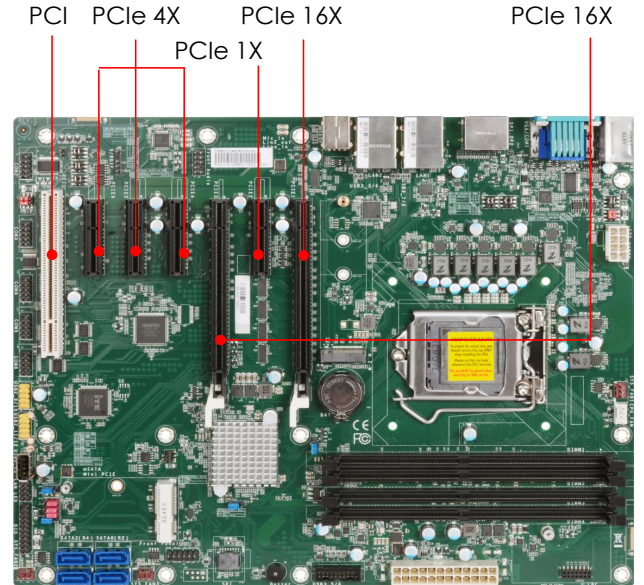


Intel Q370 ATX Support 8th 9th Intel Core i3/i5/i7/i9/Pentium/Celeron Processor w/VGA/2DP/2GbE/6COM/13USB/HDA

Specification

Processor	CPU	8 th 9 th Intel Core i3/i5/i7/i9 (up to 95W) Pentium/Celeron Processor
	Socket	LGA1151 (Max 95W)
	Chipset	Intel Q370 PCH
	BIOS	AMI UEFI
DRAM	Technology	DDR4-2400/2666MHz
	Capacity	128GB
	Socket	4 x 288-Pin DIMM
Display	Graphics	Intel HD Gen9 Graphics
	Graphics	Share System memory up to
	VGA	1, Up to 1920 x 1200@60Hz
	DVI-D	N/A
	DP	2, Up to 4096 x 2160@60Hz
	Multi-Display	3 Independent displays
LAN	2 x Intel GbE (i211-AT+ i219-LM)	
Audio	Realtek ALC888 w/Line-Out & MIC	
Watchdog	Programmable from 1 to 255 Sec	
Storage	SATA	4 x SATA3.0 (One share w/mSATA)
	mSATA	1 (share w/SATA3.0)
	M.2	2242/2260/2280 M key (PCIe Gen3 x 4 NVMe)
	RAID	RAID 0/1/5/10
I/O	Serial	6 x RS232 (COM1&COM2 w/ RS232/422/485)
	USB	6 x USB3.1 + 7 x USB2.0
	GPIO	4- In , 4-Out
	PS/2	1
	TPM	N/A
Expansion Slot	PCIe 16X	2 (Ver:3.0) (1 x16 signal or 2 x8 signals)
	PCIe 4X	3 (Ver:3.0)
	PCIe 1X	1 (Ver:3.0)
	PCI	1
	Mini PCIe	1 (One share w/mSATA)
Power	Type	ATX
Form Factor	305mm x 244mm	
Environment	Operation Temp & Humidity	0~60°C/10~90% Non-condensing
	Storage Temp & Humidity	-40~80°C/10~90% Non-condensing
Certification	EMC	CE / FCC



Packing List

P/N	Spec.
920312322	2pcs x SATA Cable
920700000	1pcs x USB Cable
921700100	2pcs x COM Cable
/	1pcs x IO Shield

Ordering Information

P/N	158660103
Model	SYM86601VGGA-Q370
Spec.	Intel Q370 ATX support 8 th 9 th Intel Core i3/i5/i7/i9/Pentium/Celeron w VGA/2DP/2GbE/6COM /13USB/HDA

Processor (Optional)

CPU	i9-9900K	i7-8700K	i7-8700	i5-8500	i5-8400	i3-8100
Speed	3.6GHz	3.7GHz	3.2GHz	3.0GHz	2.8GHz	3.6GHz
Cache	16M	12M	12M	9M	9M	6M
Core	8C/16T	6C/12T	6C/12T	6C/6T	6C/6T	4C/4T
TPD	95W	95W	65W	65W	65W	65W