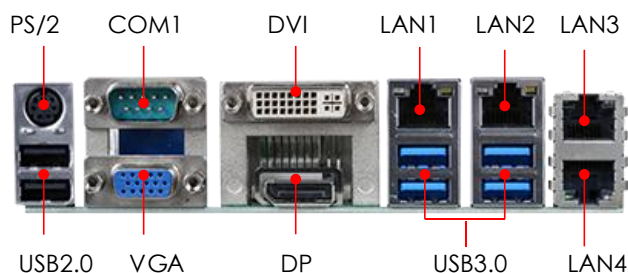
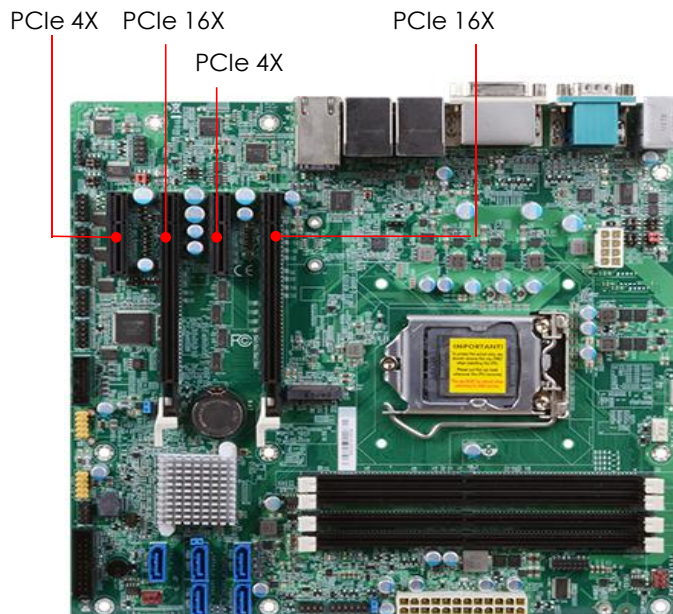


Intel Q170 Micro-ATX Support 6th&7th Intel Core i3/i5/i7/Pentium/Celeron Processor w/VGA/DVI-D/DP/4GbE/6COM/12USB/HDA

Specification

Processor	CPU	6 th &7 th Intel Core i3/i5/i7/Pentium/Celeron Processor
	Socket	LGA1151
	Chipset	Intel Q170 PCH
	BIOS	AMI UEFI
DRAM	Technology	DDR4-2133/2400MHz
	Capacity	64GB
	Socket	4 x 288-Pin DIMM
Display	Graphics	Intel HD Graphics
	Graphics Memory	Share System memory up to 1.7GB SDRAM
	VGA	1, Up to 1920 x 1200@60Hz
	DVI-D	1, Up to 1920 x 1200@60Hz
	DP	1, Up to 4096 x 2106@60Hz
	Multi-Display	3 Independent displays
LAN	4 x Intel GbE LAN (3 x i211-AT+ i219-LM)	
Audio	Realtek ALC888 w/Line-Out & MIC	
Watchdog	Programmable from 1 to 255 Sec	
Storage	SATA	5 x SATA3.0
	mSATA	N/A
	M.2	2260/2280 , M.Key SATA3.0/PCIe Gen3 x2 NVMe
	RAID	RAID 0/1/5/10
I/O	COM Port	6 x RS232 (COM1&COM2 w/ RS232/422/485)
	USB	6 x USB3.0+ 6 x USB2.0
	GPIO	4 x In , 4-Out
	PS/2	1
	TPM	TPM2.0/1.2 (Optional, MOQ Required)
Expansion Slot	PCIe 16X	2 (Ver:3.0) (1 x16 signal or 2 x8 signals)
	PCIe 4X	2 (Ver:3.0)
	PCIe 1X	N/A
	PCI	N/A
	Mini PCIe	N/A
Power	Type	ATX
Form Factor	244mm 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
/	1pcs x IO Shield

Ordering Information

P/N	158645601
Model	SYM86456V4GA
Spec.	Intel Q170 Micro- ATX support 6 th &7 th Intel Core i3/i5/i7/Pentium/Celeron w /VGA/DVI-D/DP/4GbE /6COM/12USB/HDA

Processor (Optional)

CPU	i7-7700K	i7-7700	i7-6700T	i7 - 6 7 0 0 K	i5-7500	i5-6600	i5-6500	i5-6400	i3-7100	i3-6100
Speed	4.2GHz	3.6GHz	2.8GHz	4.0GHz	3.4GHz	3.3GHz	3.2GHz	2.7GHz	3.9GHz	3.7GHz
Cache	8M	8M	8M	8M	6M	6M	6M	6M	3M	3M
Core	4C/8T	4C/8T	4C/8T	4C/8T	4C/4T	4C/4T	4C/4T	4C/4T	2C/4T	2C/4T
TPD	91W	65W	35W	91W	65W	65W	65W	65W	51W	51W