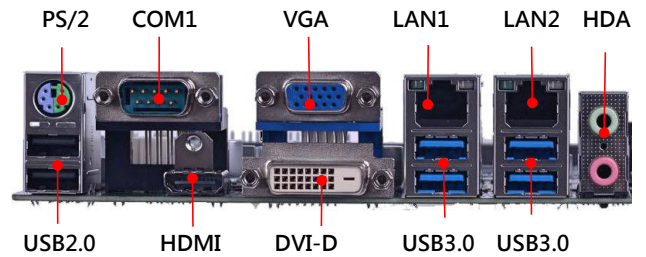
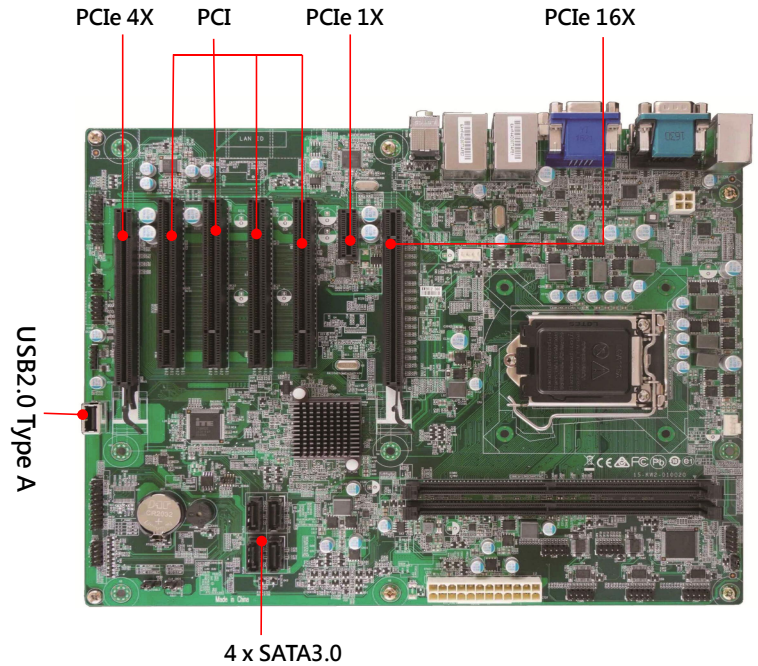


## Specification

Processor	CPU	6 <sup>th</sup> & 7 <sup>th</sup> Intel Core i3/i5/i7/Pentium /Celeron Processor(Max 65W)
	Socket	LGA1151
	Chipset	Intel H110 PCH
	BIOS	AMI UEFI
DRAM	Technology	DDR4-2133MHz
	Capacity	32GB
	Socket	2 x 288-Pin DIMM
Display	Graphics	Intel HD Graphics supports DX12 & OpenCL 2.X
	Graphics Memory	Share System memory up to 1.7GB SDRAM
	VGA	1, Up to 1920 x 1080
	DVI-D	1, Up to 1920 x 1200
	HDMI 1.4	1, Up to 4096 x 2304
Mult-Display	2 or 3 Independent displays	
LAN	2 x Intel GbE(i211-AT+i219V)	
Audio	Realtek ALC662 w/Line-Out & MIC	
Watchdog	Programmable from 1 to 255 Sec	
Storage	SATA	4 x SATA3.0
	mSATA	N/A
	RAID	N/A
I/O	Serial	6 x RS232 (COM1 w/RS232/422/485)
	LPT	N/A
	USB	4 x USB3.0 + 6 x USB2.0
	GPIO	4 - In , 4 - Out
	PS/2	1
	TPM	1
	Expansion Slot	PCIe 16X
	PCIe 4X	1 (Ver:2.0)
	PCIe 1X	1 (Ver:2.0)
	PCI	4 (Ver: 2.3)
	Mini PCIe	N/A
Power	Type	ATX
Form Factor	305mm x 244mm (ATX)	
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.
920312322	2pcs x SATA Cable
920700000	1pcs x USB Cable
/	1pcs x IO Shield

## Ordering Information

P/N	158645501
Model	SYM86455VGGA
Spec.	Intel H110 ATX support 6 <sup>th</sup> & 7 <sup>th</sup> Intel Core i3/i5/i7/Pentium/Celeron w/VGA/DVI-D/HDMI/2GbE/6COM /10USB/HDA

## Processor (Optional)

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