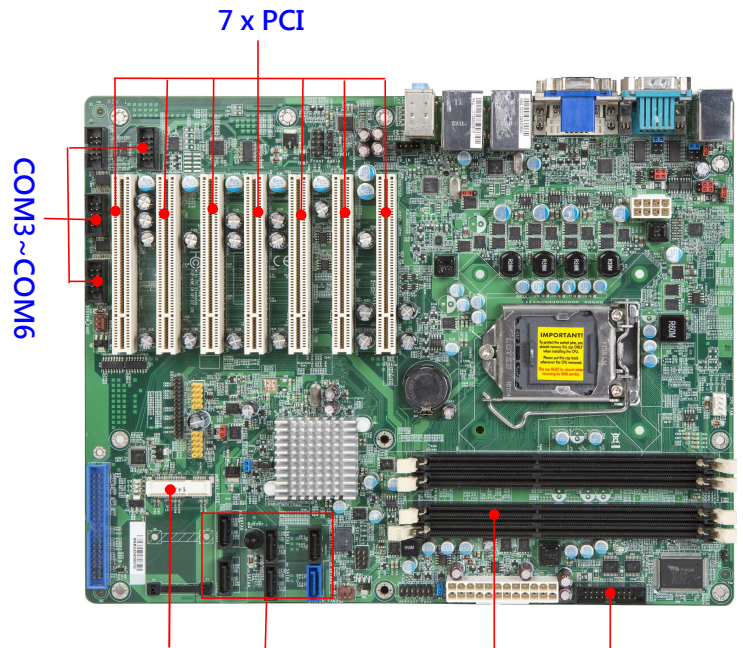


Intel B65 ATX Board Support 2<sup>nd</sup> & 3<sup>rd</sup> Core i3/i5/i7/Pentium /Celeron Processor w/VGA/DVI-D/2GbE/6COM/10USB/7PCI

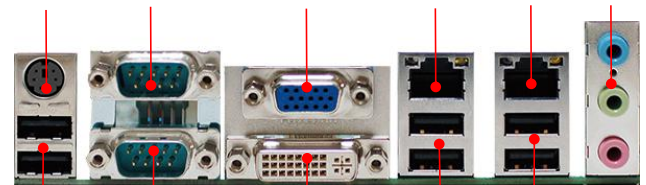
## Specification

Processor	CPU	2 <sup>nd</sup> & 3 <sup>rd</sup> Intel Core i3/i5/i7/ Pentium/Celeron Processor
	Socket	LGA1155
	Chipset	Intel B65 PCH
	BIOS	AMI UEFI
DRAM	Technology	DDR3-1600/1333MHz
	Capacity	Up to 32GB
	Socket	4 x 240-Pin DIMM Slot
Display	Graphics	Intel HD Graphics with DX11.1 & OpenCL 1.2
	Graphics Memory	Share System memory up to 1.7GB SDRAM
	VGA	1 x VGA, Resolution up to 2048x1536@75Hz
	DVI	1 x DVI-D, Resolution up to 1920x1200@60Hz
	HDMI	N/A
	Multi-Display	2 Independent display
LAN	2 x Realtek GbE Controller (RTL8111D)	
Audio	Realtek ALC886 w/Line-Out & Mic/Line-in	
Watchdog	Software Programming 1~255s System Reset	
Storage	SATA	1 x SATA3.0 + 5 x SATA2.0
	IDE	1 x IDE Pin Header
	mSATA	N/A
I/O	Serial Port	6 x RS232 (COM1 & COM2 Support RS232/422/485)
	LPT	N/A
	USB	10 x USB2.0
	GPIO	4-In , 4-Out
	PS/2	Yes
Expansion Slot	PCIe x16	N/A
	PCI	7 (Ver: 2.3)
	Mini PCIe	1
Power	Type	ATX Power
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
O.S	Windows XP Pro/Windows 7 32/64-Bit Windows 8.1 64-Bit/Windows 2008 R2/Linux (Kernel 3.0+)	



Mini PCIe 5 x SATA DDR3 DIMM Slot GPIO

PS/2 MS COM2 VGA LAN1 LAN2 Audio



USB2.0 COM1 DVI-D USB2.0 USB2.0

## Packing List

P/N	Spec.
921700100	2pcs x 2.54mm Dual-COM Cable
920700000	2pcs x 2.54mm Dual-USB Cable
920312322	1pcs x SATA Cable
/	1pcs x Utility DVD Drivers
/	1pcs x I/O Shield

## Ordering Infomation

P/N	157699003
Model	SYM76990VGGA-SP
Spec.	Intel B65 ATX Board w/VGA/DVI-D/2GbE/6COM/10USB/7PCI

## Processor (Optional)

CPU	i7-2600	i7-3770	i7-3770K	i5-3550	i5-2500	i5-2500K	i5-3450	i5-3470	i3-2120	i3-2130	i3-3220	i3-3240	G2120	G1610	G620
Speed	3.4GHz	3.4GHz	3.5GHz	3.3GHz	3.3GHz	3.3GHz	3.1GHz	3.2GHz	3.3GHz	3.4GHz	3.3GHz	3.4GHz	3.1GHz	2.6GHz	2.6GHz
Cache	8M	8M	8M	6M	6M	6M	6M	6M	3M	3M	3M	3M	3M	2M	3M
Core	4C/8T	4C/8T	4C/8T	4C/4T	4C/4T	4C/4T	4C/4T	4C/4T	2C/4T	2C/4T	2C/4T	2C/4T	2C/2T	2C/2T	2C/2T
TPD	95W	77W	77W	77W	95W	95W	77W	77W	65W	65W	55W	55W	55W	55W	65W