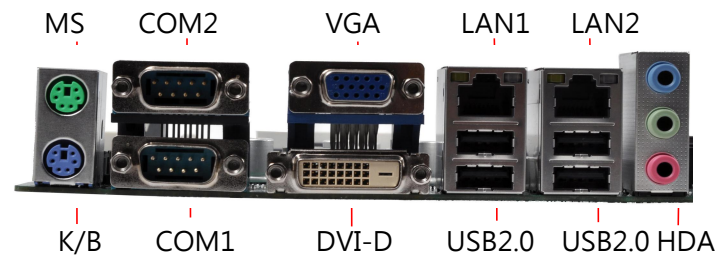
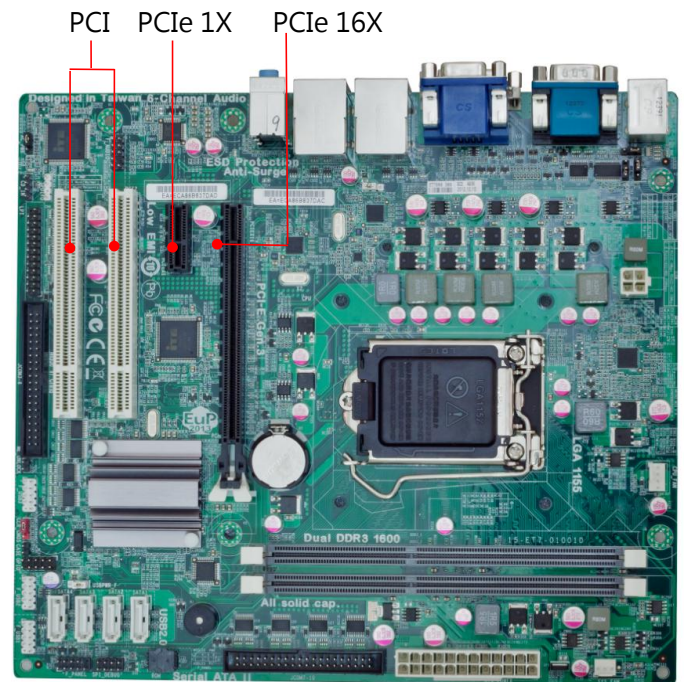


Intel H61 Micro-ATX support 2<sup>nd</sup>&3<sup>rd</sup> Intel Core i3/i5/i7/Pentium/Celeron  
w/VGA/DVI-D/2GbE/10COM/10USB2.0/HD Audio/LPT

## Specification

Processor	CPU	2 <sup>nd</sup> & 3 <sup>rd</sup> Intel Core i3/i5/i7/ Pentium/Celeron Processor
	Socket	LGA1155
	Chipset	Intel H61 PCH
	BIOS	AMI UEFI
DRAM	Technology	DDR3 1066/1333MHz
	Capacity	Up to 16GB
	Socket	2 x 240-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
	Mult-Display	2 Independent displays
LAN	2 x Realtek 8111E GbE	
Audio	Realtek ALC662 w/Line-Out/Mic/Line-in	
Watchdog	Programmable from 1 to 255 Sec	
Storage	SATA	4 x SATA2.0
	mSATA	N/A
	RAID	N/A
I/O	Serial	10 x RS232 (COM1 w/RS232/422/485)
	LPT	1
	USB	10 x USB2.0
	GPIO	4-In, 4-Out
	PS/2	1
	TPM	N/A
	Expansion Slot	PCIe 16X
	PCIe 1X	1 (Ver: 2.0)
	PCI	2 (Ver: 2.3)
	Mini PCIe	N/A
Power	Type	ATX
Form Factor	244mm x 220mm (Micro ATX)	
Environment	Operation Temp & Humidity	-10~60°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+)	



## Packing List

P/N	Spec.
920700000	2pcs * USB2.54 Cable
9221COM05	2pcs * 4-in-1 COM Cable
920312322	SATA 180 Cable
/	I/O Schield

## Ordering Information

P/N	157699301
Model	SYM76993VGGA
Spec.	Intel H61 Micro ATX w/VGA/DVI-D/2GbE /HDA/10COM/10USB2.0/LPT

## 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