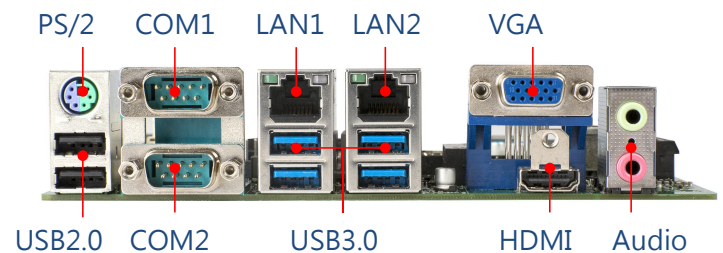
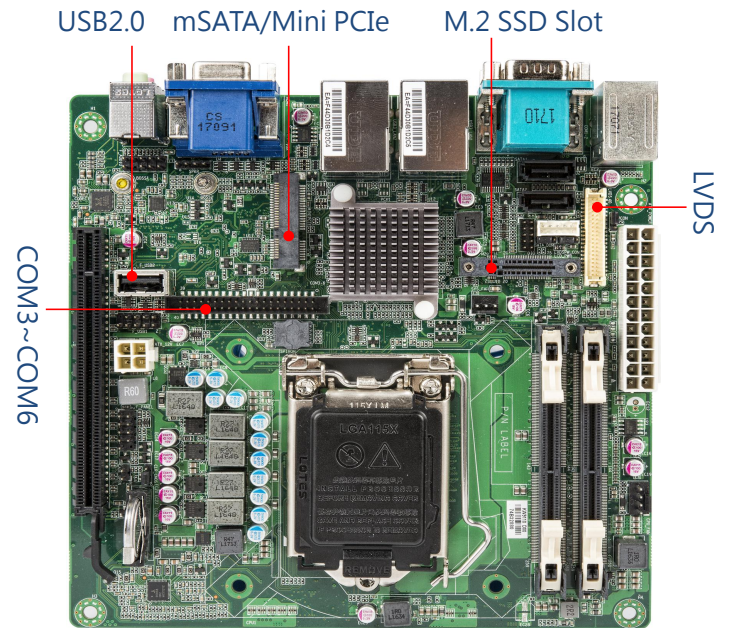


Intel H110 Mini-ITX Support 7<sup>th</sup>(Kaby Lake) & 6<sup>th</sup>(SkyLake) Intel Core i3/i5/i7/Pentium/Celeron w/VGA/LVDS/HDMI/2GbE/6COM/9USB

## Specification

Processor	CPU	6 <sup>th</sup> (SkyLake)/ 7 <sup>th</sup> (Kaby Lake) Intel Core i3/i5/i7/Pentium/ Celeron Processor (Max 65W)
	Socket	LGA1151
	Chipset	Intel H110
	BIOS	AMI UEFI
DRAM	Technology	DDR4 2133MHz
	Capacity	Up to 32GB
	Socket	2 x 260-Pin SO-DIMM Slot
Display	Graphics	Intel HD Graphics Support DX11.1 & OpenCL 1.2
	Graphics Memory	Share System memory up to 1.7GB SDRAM
	VGA	1, Up to 1920 x 1200@60Hz
	HDMI	1, Up to 1920 x 1200@60Hz
	LVDS	1, 2-CH 24bit, Up to 1920 x 1200@60Hz
Mult-Display	2 Independent displays	
LAN	2 x Intel LAN (i211-AT)	
Audio	Realtek ALC269Q with MIC/Line-out	
Watchdog	Programmable from 1 to 255 Sec	
Storage	SATA	2 x SATA3.0
	mSATA	1 (Share w/Mini PCIe)
	M.2	Vertical M.2 B-Key
I/O	Serial	6 x RS232 (COM3 w/ RS232/422/485)
	USB	4 x USB3.0 + 5 x USB2.0
	GPIO	4-In, 4-Out
	PS/2	1
Expansion Slot	PCIe x16	1 (Ver: 3.0)
	Mini PCIe	1 (Full-Size,(Share w/mSATA))
Power	Type	ATX
Form Factor	170mm x 170mm (Mini-ITX)	
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	Skylake :Windows 7 32/64-Bit Windows 8.1 64-Bit/Windows 2008 R2/Linux (Kernel 3.0+) Kaby Lake: Windows 10 64bit/Linux (Kernel 4.X)	



## Ordering Information

P/N	128655101
Model	SYS86551VGGA
Spec.	Intel H110 Mini-ITX w/VGA/HDMI/LVDS/2GbE/ HDA/6COM/Mini PCIe/mSATA/GPIO/PCIe 16X

## Processor (Optional)

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