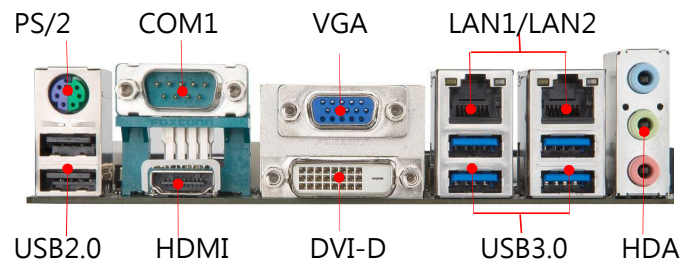
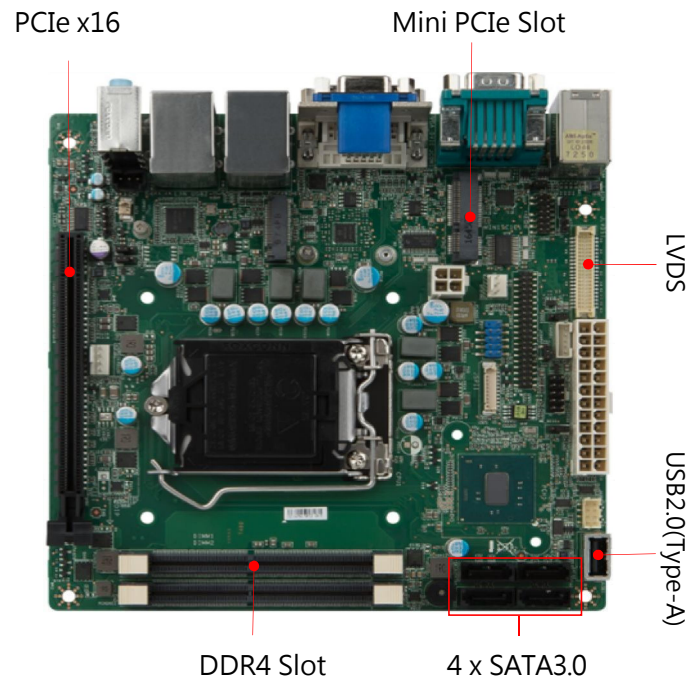


Intel H110 Mini-ITX Support 7<sup>th</sup> (Kaby Lake) & 6<sup>th</sup> (SkyLake) Intel Core i3/i5/i7/Pentium/Celeron w/VGA/DVI/HDMI/2GbE/5COM

## Specification

Processor	CPU	6 <sup>th</sup> (SkyLake)/7 <sup>th</sup> (Kaby Lake) Intel Core i3/i5/i7/Pentium/Celeron Processor(Max 80W)
	Type	LGA1151
	Chipset	Intel H110
	BIOS	AMI UEFI
DRAM	Technology	(Non-ECC) DDR4 2133MHz
	Capacity	Up to 32GB
	Socket	2 x 260-Pin SO-DIMM Slot
Display	Graphics	Intel HD Graphics Supports DX11.1 & OpenCL 1.2
	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
	HDMI	1, Up to 1920 x 1200@60Hz
	LVDS	1, 2-CH 24bit ,Up to 1920 x 1200
	Mult-Display	2 Independent displays
LAN	2 x Intel LAN (i211-AT + i219-LM)	
Audio	Realtek ALC887 with Line-in/MIC/Line-out	
Watchdog	Programmable from 1 to 255 Sec	
Storage	SATA	3 x SATA3.0
	mSATA	1 (SATA3.0), Share w/Mini PCIe
	M.2	N/A
	RAID	N/A
I/O	Serial	5 x RS232 (COM1 w/ RS232/422/485 )
	LPT	N/A
	USB	4 x USB3.0 + 5 x USB2.0
	GPIO	4-In , 4-Out
	PS/2	1
	TPM	1
	Expansion Slot	PCIe x16
	Mini PCIe	1 (Full-Size), Share w/mSATA
Power	Type	ATX
Form Factor	170mm x 170mm (Mini-ITX )	
Environment	Operation	-10~70°C/10~90%,
	Temp& Humidity	Non-condensing
	Storage Temp &	-20~80°C/10~90%
	Humidity	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	128655001
Model	SYS86550VGGA-H
Spec.	Intel H110 Mini-ITX w/VGA/DVI-D/HDMI/2GbE/HDA/5COM/mSATA/Mini PCIe/GPIO/TPM