

Specification



Processor	CPU	Intel 6 th Pentium/ Celeron/ Core i3/i5/i7 CPU, LGA1151 , TDP 65W
	Chipset	Intel H110 PCH
Memory	Type	2 x U-DIMM DDR4 2400MHz ,
	Max	Max 32GB
Storage	Storage	1 x SATAIII ports 1 x MSATA
	Graphics	Intel® HD Graphics
Network	LAN	2 x Realtek 8111H Gigabit Ethernet
	Wireless	1 x M.2 2232 for WiFi/BT
Audio	Audio	Realtek ALC662

PS/2
USB2.0 x 2
COM x 2

Rear

HDMI1.4
USB2.0 x 4
RJ45 x 2
USB3.0 x 4
Line out
Mic in
VGA

ATX 4PIN
ATX 20PIN
CPU_FAN 4pin
VGA 12pin
COM3-6 x 4, 20pin, 2.0mm
COM7-10 x 4, 20pin, 2.0mm

Internal

COM11 9pin, 2.0mm
COM12 9pin, 2.0mm
RS232/422/485
J LPT 25pin, 2.0mm
USB2.0 x 2 9pin, 2.54mm
Speaker 4pin, 2.0mm
CLR_CMOS 2pin, 2.54mm
J LPC 20pin, 2.54mm
F_PANEL 9pin, 2.54mm
GPIO 10pin, 2.0mm
SYS_FAN 4pin, 2.54mm

Power input	ATX
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Function	Watchdog	Support
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Dimension	SIZE	170mm*170mm
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Environment	Temperature	Working temperature : -10°C~60°C Storage temperature: -20°C~70°C
	Humidity	10%~90% (non-condensing)

IO

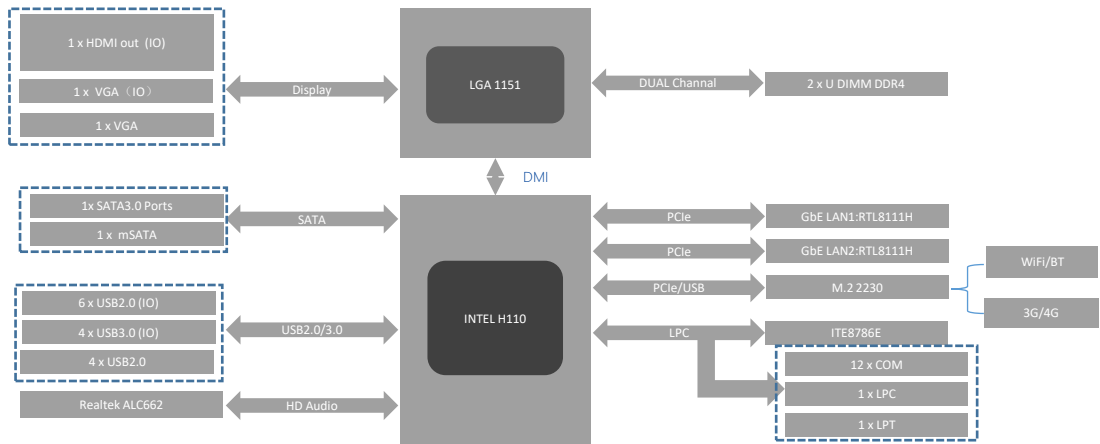
Features

- Support Intel Skylake-S CPU , LGA1151
- 2 x SO-DIMM DDR4 Memory , MAX 32GB
- Support SATA3.0 + MSATA
- Support HDMI +2*VGA display
- 2 RJ45 Support
- 12 x COM Support
- 14 USB Support
- Support LPT
- Support LPC

Front I/O



Block Diagram



Overview



Ordering Information

P/N	CHIP	SO-DIMM	VGA	DVI-D	HDMI	GbE LAN	AUDIO JACK	USB2.0/3.0	COM	SATAIII/MSATA	M.2 2230	SIM	PS/2
H110M2D1-12	H110	2 x DDR4 MAX 32GB	1	0	1	2	2	10 / 4	12	1 / 1	1	0	1

Packing list

Description	Qty
Motherboard	20 pcs (work package)
Manual	TBD
Drive disk	TBD



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