

ZRT-EMA-1301H

1.1. Motherboard Specification

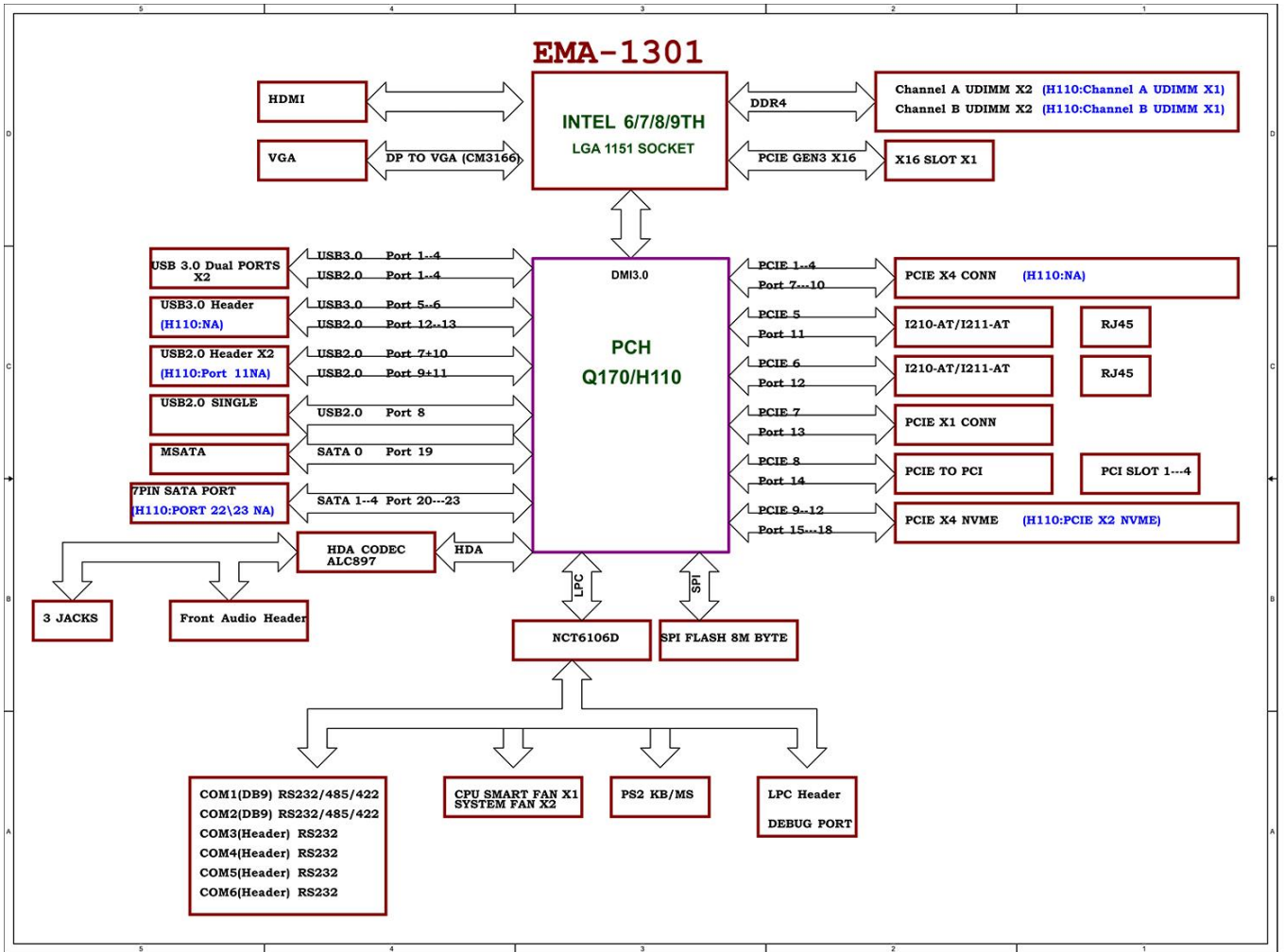
Model		ZRT-EMA-1301H
Processor	CPU	Intel Sky Lake/Kaby Lake/Coffee Lake Bridge LGA1151
	Chipset	Intel PCH H110
	BIOS	AMI 64MBit SPI
Memory	Max Capacity	64GB
	Technology	DDR4
	Socket	2 x U-DIMM
Expansion	Mini PCI-E	1 x Mini PCI-E for NVME
	PCI-Express	1 x PCI-E 16x 1 x PCI-E 1x
	PCI	4 x PCI
Storage	SATA	3 x SATA3.0(7 Pins)
	mSATA	1 x mSATA
Display	Multiple Display	2 Port
	Integrated Video Card	1 x VGA 1 x HDMI
	Max Resolution	VGA:2048*1536@60Hz HDMI:1920*1080@60Hz
USB	I/O	4 x USB3.0 2 x USB2.0
	On Board	1 x USB2.0
	Header Pin	4 x USB2.0 (2 x 2.54mm_2*5Pin)
Ethernet	Chipset	Integrated 10/100/1000M Adaption (Intel® Ethernet Controller I211-AT)
	I/O	2 x RJ45 10/100/1000M
	Function	Support wake up and PXE
COM	I/O	2 x RS232/RS485/RS422 (Default RS232)
	Header Pin	4 x RS232(4 x 2.54mm_2*5Pin)
Audio	Chipset	Integrated High Definition Audio Stereo (ALC897)
	I/O	1 x Line In 1 x Line Out 1 x MIC In
	Header Pin	1 x Line Out+1 x MIC In (1 x 2.54mm_2*5Pin) 1 x Speak (1 x 2.0mm_2*1Pin)
PS2	I/O	1 x PS2

Other	Operating System	Linux, Windows 7 / 10
	Button	1 x Power Button 1 x Clear CMOS 1 x Reset Button
	F_Panel	1 x F_Panel (1 x 2.54mm_2*5Pin)
	LPC	1 x LPC
	Watch Dog	Support
Power	Power Supply	ATX
Physical	Dimension (L*W)	ATX (304.8*244*1.6 mm)
	Color	Green
Environmental Conditions	Operation Temperature	-10°C - 70°C
	Operation Humidity	0%-95% (non-condensing)
	Storage Temperature	-40°C - 85°C
	Storage Humidity	10% - 90%
	Random Operating	0.5g rms/5~500Hz

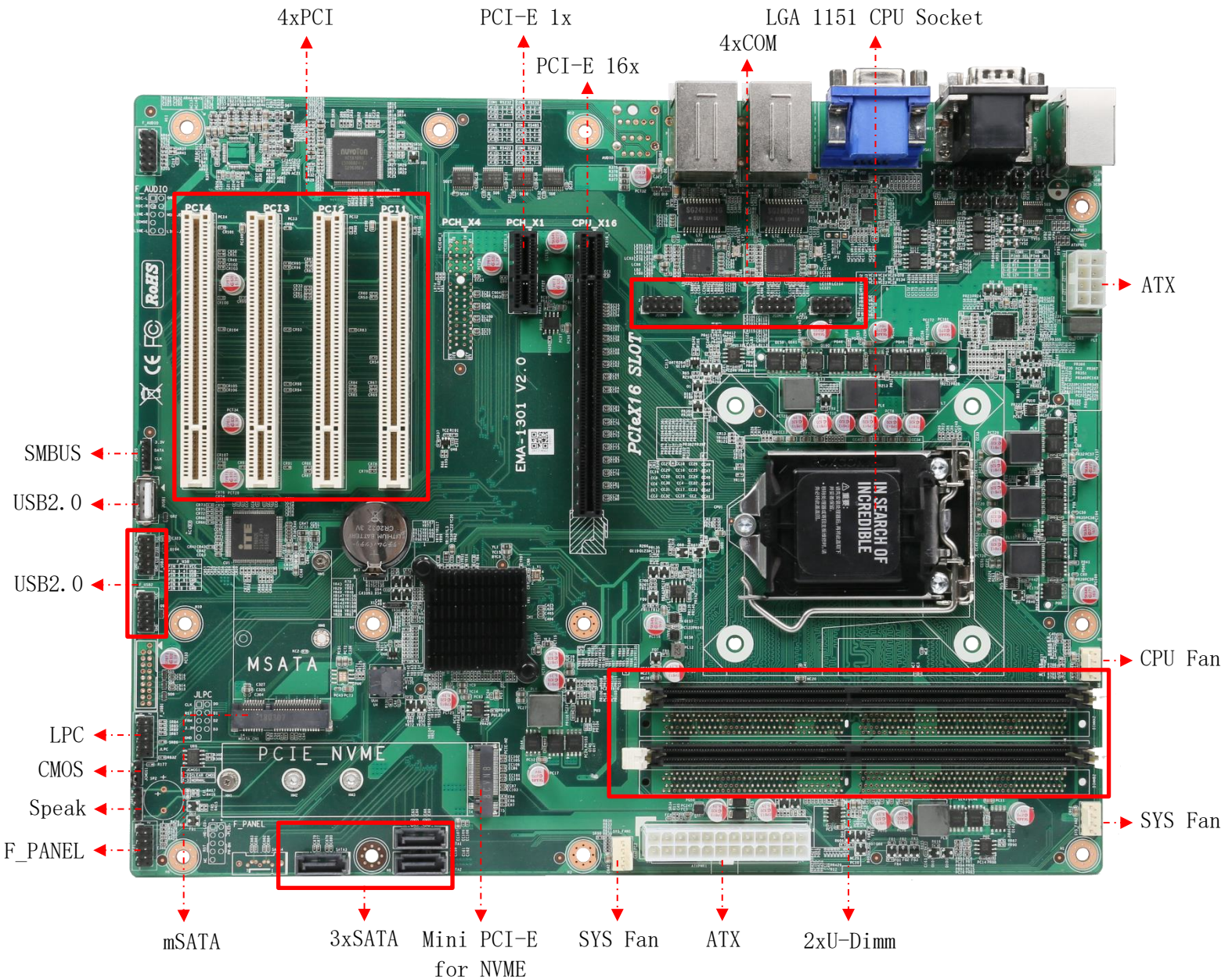
Part Number	Model Name	Q' Ty
1.ZRT.46-6142-00-A00	Cable-SATA	2 PCS
1.ZRT.46-6143-00-A00	Casble-COM	2 PCS
1.ZRT.30-6519-00-A00	I/O	1 PCS

Part Number	Model Name	Specification
8.ZRT.80-8315-50-LFF	ZRT-EMA-1301H	主板-ZRT-EMA-1301H、ATX(244*305mm)、H110+ALC897、2*LAN/6*COM/2*PCIE/4*PCI、VGA+HDMI-工包 10 入
8.ZRT.80-8315-80-LFF	ZRT-EMA-1301H	主板-ZRT-EMA-1301H、ATX(244*305mm)、H110、2*LAN/6*COM/2*PCIE/4*PCI、VGA+HDMI、不带音频-工包10入

1.2. Block Diagram



1.3. Motherboard Connector



1.4. Motherboard Dimension

