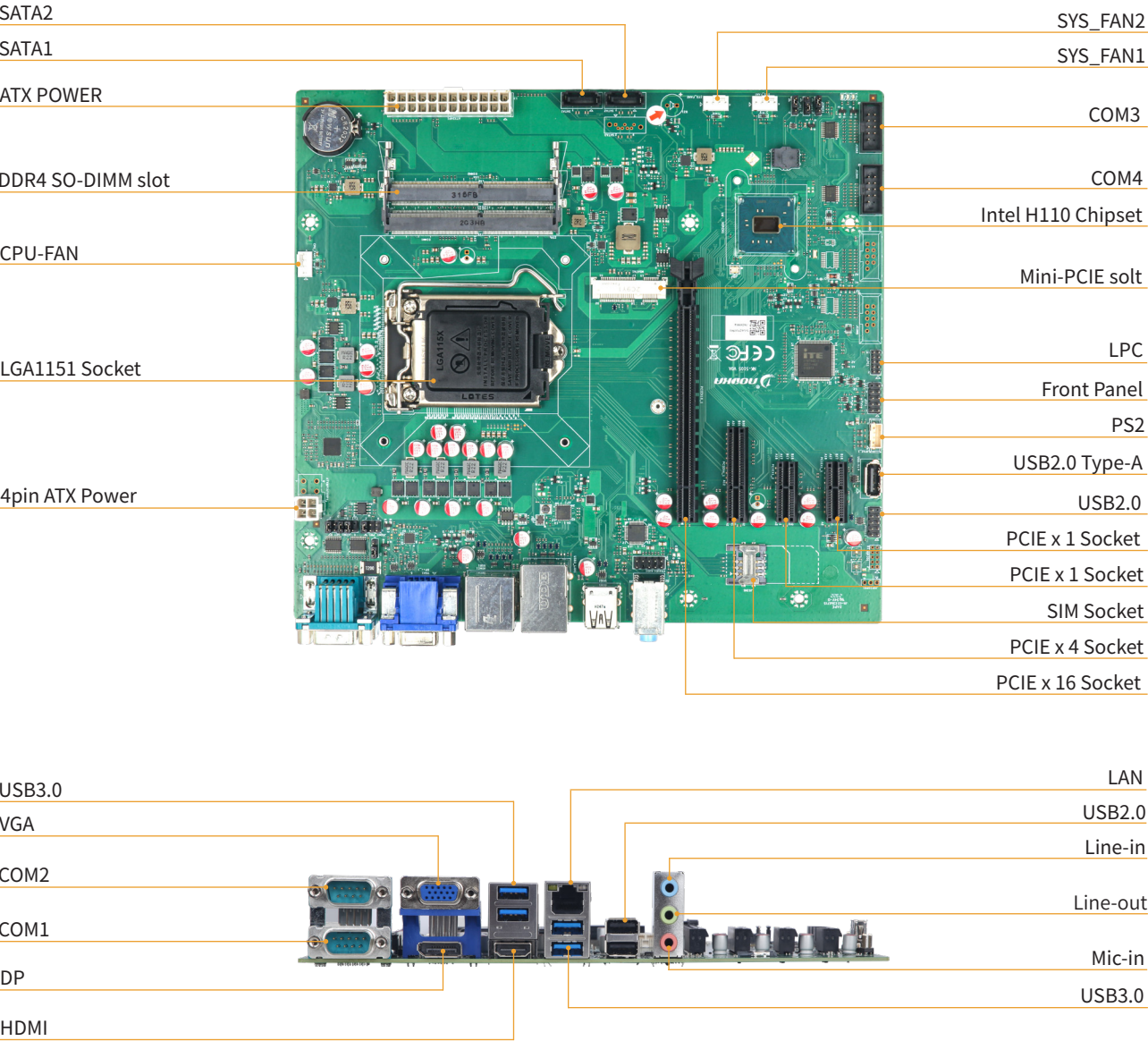


NK-5105 H110 Chipset Support LGA1151 6/7/8/9th Generation processor Micro-ATX Motherboard

特点 Feature

- Intel® 6/7/8/9th Generation Celeron/Pentium/Core-I series processor,TDP 95W
- Support dual channel(Non-ECC) DDR4-1866/2133/2400/2666MHz SO-DIMM slot, up to 64GB
- Support VGA,HDMI,DP Dual-display
- 1 x Giga-bit Ethernet
- 4 x USB3.0 ports, 4 x USB2.0 ports
- 1 x RS232/RS485, 3 x RS232
- 2 x SATA3.0,1 x mSATA
- 1 x PCIe3.0 X 16,1 x PCIe X 4(x2link), 2 x PCIe(X1link)



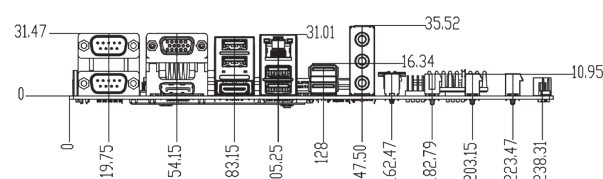
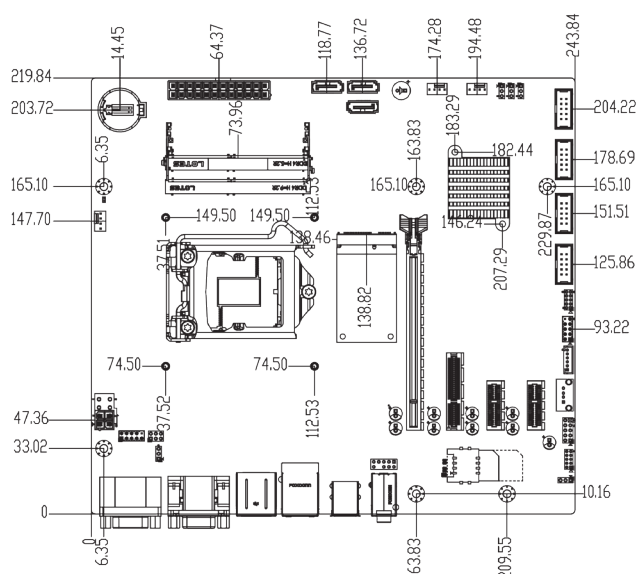
规格 Specification

处理器 Processor System	CPU	Intel® 6/7/8/9th Generation Celeron/Pentium/Core-I series processor, TDP up to 95W
	插槽 Socket	LGA1151
	芯片组 Chipset	Intel H110
	BIOS	AMI 128Mb UEFI BIOS
内存 Memory	技术 Technology	Dual Channel(Non-ECC) DDR4-1866/2133/2400/2666MHz, up to 64GB
	插槽 Slot	2 x DDR4 260-pin SO-DIMM slots
存储 Storage	mSATA	1 x mSATA
	SATA	2 x SATA3.0 (up to 6Gb/s)
图形 Graphic	控制器 Controller	Intel HD graphics integrated
音频 Audio	编码器 Codec	Realtek ALC897 codec
外部接口 Rear I/O	显示 Display	1 x VGA, resolution up to 1920x1200@60Hz
		1 x DP, resolution up to 4096x2304@60Hz
		1 x HDMI 1.4, resolution up to 4096x2160@30Hz
	网络 Ethernet	1 x GbE Intel i219-V
	音频 Audio	1 x Line-out, 1 x Mic-in, 1 x Line-in
	USB	4 x USB3.0(5Gbps), 2 x USB2.0(480bps)
	串口 Serial Port	1 x RS232/485, 1 x RS232
内部接口 Internal I/O	COM	2 x RS232 wafer
	USB	2x USB2.0 header(BOM Optional share signal with 1*USB2.0 header,define type-A),1 x Vertical USB2.0 type-A connect
	LPC	1 x LPC header
	PS/2	1 x PS/2 wafer
	Fan	1 x CPU Fan wafer(1*4pin),2 x SYS Fan wafer(1*4pin)
	SMbus	1 x SMBus wafer
扩展接口 Expansion Slots	PCIe X 16	1 x PCIeX16(Gen3) slot
	PCIe X 4	1 x PCIeX4(Gen2 slot)
	PCIe	2 x PCIE (GEN2,x2link)
	Mini-PCIe	1 x mini-PCIe slot (SATA / USB Signal) with Nano-SIM card
安全 Security	TPM	fTPM2.0
看门狗定时器 Watchdog Timer	输出 & 间隔 Output&Interval	System reset, programmable from 1~255 sec
电源 Power	类型 Type	ATX Power Input: 24-Pin ATX + 4/8-Pin ATX 12V
	功耗 Consumption	TBD
操作系统 O.S Support	MS Windows	Windows 7/8.1(Only support with Intel 6th Gen. CPU), Windows 10
	Linux	Linux
机械参数 Mechanism	尺寸 Dimensions	(L)244mm x(W) 220mm
	净重 Gross Weight	TBD
环境 Environment	工作温度 Operating	0°C ~ 60°C
	存储温度 Storage	-40°C ~ 85°C
	相对湿度 Humidity	5~95% (Non-condensing)

框架图 Block Diagram

机构图 Mechanical Drawing

单位 (Unit): mm



订购信息 Order Information

料号 Part No.	型号 Model	描述 Description
TBD	NK-5105	H110 Chipset Support LGA1151 6/7/8/9th Generation processor Micro-ATX Motherboard, 2 x DDR4 SO-DIMM/1GbE/4COM/10USB, ATX DC-IN

包装清单 Packing List

料号 Part No.	数量 Qty	描述 Description
	1	H110 Chipset Support LGA1151 6/7/8/9th Generation processor Micro-ATX Motherboard, 2 x DDR4 SO-DIMM/1GbE/4COM/10USB, ATX DC-IN
	2	COM cable, COM signal cable, length=150mm
	1	SATA cable, SATA signal cable, length=150mm
	1	I/O port bracket
	4	Single COM port Cable(400mm)
	1	Single SATA Data Cable(450mm)
	1	Single I/O Port Bracket

可选配件 Optional Accessories

料号 Part No.	描述 Description
TBD	LGA1151 CPU Cooler, TDP up to 95W
TBD	Single COMA Port Cable(400mm)
TBD	1 in 2*USB2.0 Type-A Y Cable(300mm)
TBD	Single SATA Data Cable(450mm)
TBD	Single I/O Port Bracket
TBD	Single PS2 Y cable(300)