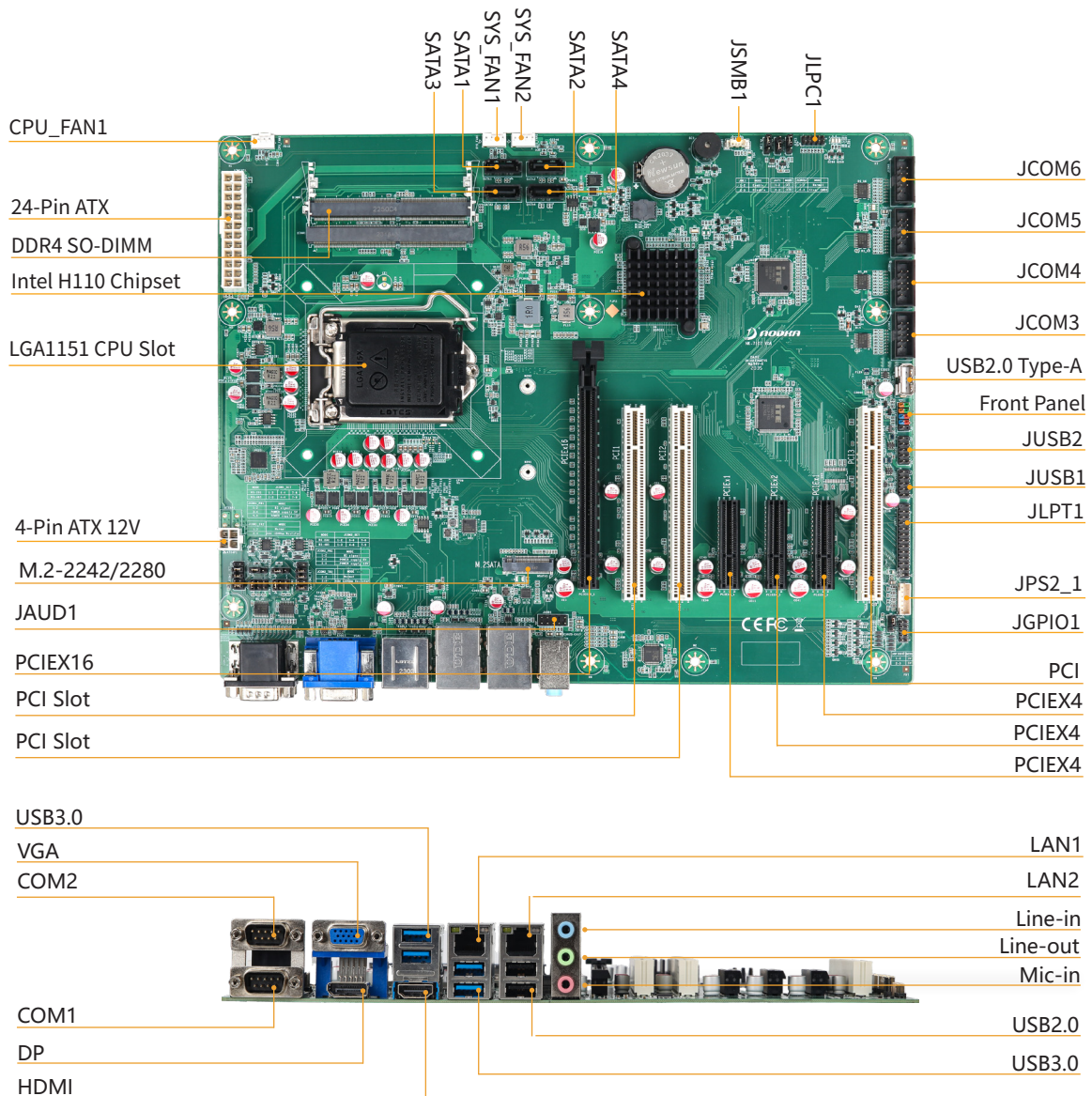


NK-7107

H110 Chipset Support LGA1151 6/7/8/9th Generation processor ATX Motherboard

特点 Feature

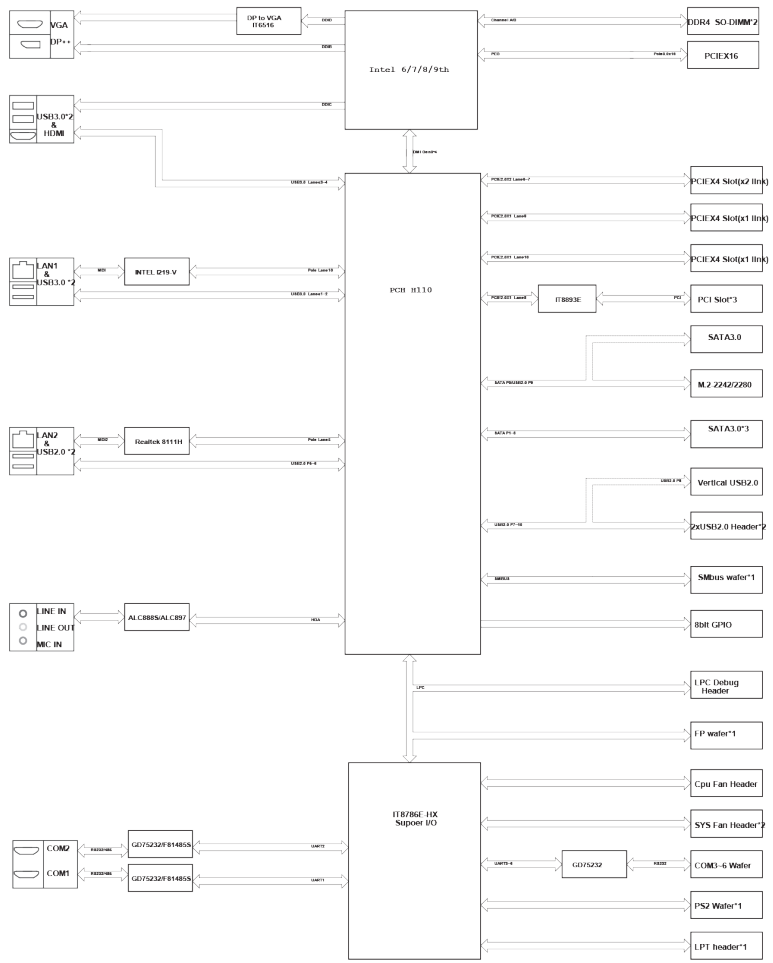
- Intel® 6/7/8/9th Generation Celeron/Pentium/Core-I series LGA 1151 processor,TDP up to 95W
- Support dual channel(Non-ECC) DDR4-1866/2133/2400/2666MHz SO-DIMM slot up to 64GB
- Support VGA,HDMI,DP Tri-display
- 2 x Giga-bit Ethernet,
- 4x USB3.0 ports, 6 x USB2.0 ports
- 2 x RS232/485, 4 x RS232
- 3x SATA3.0, 1x SATA M.2-2242/2280 Slot
- 1x PCIEX16, 1x PCIEX4(x2link), 2x PCIEX4(x1link), 3x PCI slots



规格 Specification

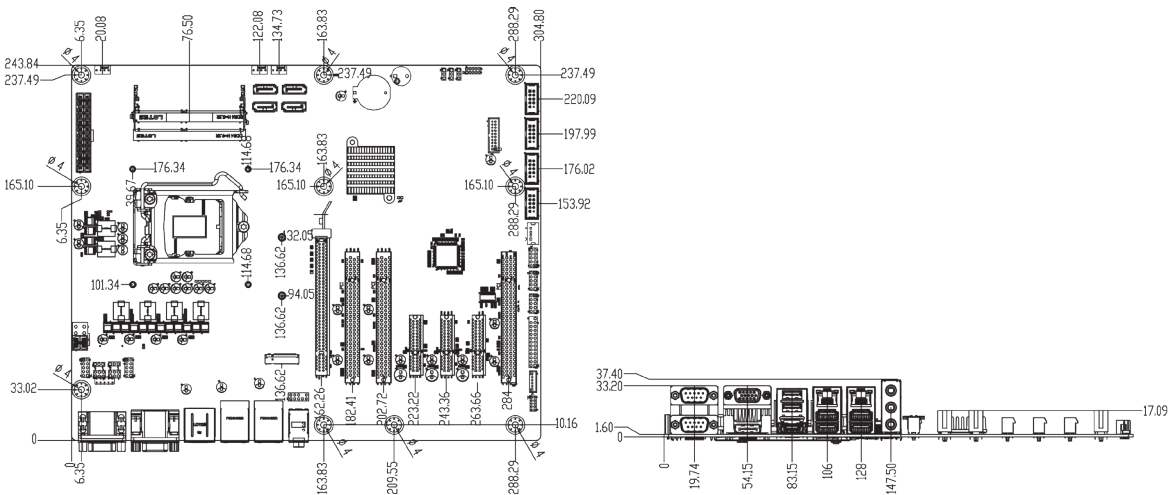
处理器 Processor System	CPU	Intel® 6/7/8/9th generation Celeron/Pentium/Core-I series processor, TDP up to 95W
	插槽 Socket	LGA1151
	芯片组 Chipset	Intel H110
	BIOS	AMI 128Mb UEFI BIOS
内存 Memory	技术 Technology	Dual Channel(Non-ECC) DDR4 1866/2133/2400/2666MHz, up to64GB
	插槽 Slots	2 x DDR4 260-pin SO-DIMM slots
存储 Storage	M.2	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) (BOM Optional share signal with SATA3.0 Port1 default M.2-2242/2280)
	SATA	4 x SATA3.0 (up to 6Gb/s, 1 x SATA3.0 (optional))
图形 Graphics	控制器 Controller	Intel HD graphics integrated
音频 Audio	编解码器 Codec	Realtek ALC 897 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 4096x2160@60Hz
		1 x HDMI, resolution up to 4096 x 2160@30Hz
	网络 Ethernet	2 x GbE(RJ45), LAN1: Intel i219-V, LAN2: Intel 210AT controller
	USB	4 x USB3.0(5Gbps), 2 x USB2.0(480Mbps)
	串口 Serial	2 x RS232/485
	音频 Audio	1 x Line-out, 1 x Mic-in, 1 x Line-in
内部接口 Internal I/O	USB	4 x USB2.0 pin header (2 x 2*5pin) , 1 x Vertical USB2.0 type-A connector (BOM option share signal with 1*USB2.0 header)
	串口 Serial	4 x RS232 wafer
	PS/2	1 x PS/2 wafer
	LPT	1 x LPT header
	LPC	1 x LPC header
	SMBus	1 x SMBus wafer
	GPIO	1 x 8bit GPIO
	FAN	2 x System FAN /1 x CPU FAN
	FP	1 x FP(Power LED, HDD LED, Power button, Reset button)
扩展槽 Expansion Slots	PCIe X16	1 x PCIeX16(Gen3) slots
	PCIe X4	2 x PCIeX4(Gen2, x 1 link) slots, 1 x PCIeX4(Gen2, x 2 link) slot
	PCI	3 x PCI slots
看门狗定时器 Watchdog Timer	输出 & 间隔 Output & Interval	System reset, programmable from 1~255 sec
安全 Security	TPM	fTPM2.0
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 OS Support	Microsoft 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)305mm x (W)244mm
	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-7107-H110	ATX MB,H110,6/7/8/9th CPU,2xDDR4 SODIMM,1xM.2-2242/2280,3xSATA3.0,2xLAN,6xCOM,10xUSB

包装清单 Packing List

料号 Part No.	数量 Qty	描述 Description
	1	NK-7107 User manual
	4	Single COM port Cable(400mm)
	1	Single SATA Date Cable(450mm)
	1	Single I/O Port Bracket

Note: Driver CD is not provided. Please visit Nodka support website for driver download.

可选配件 Optional Accessories

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