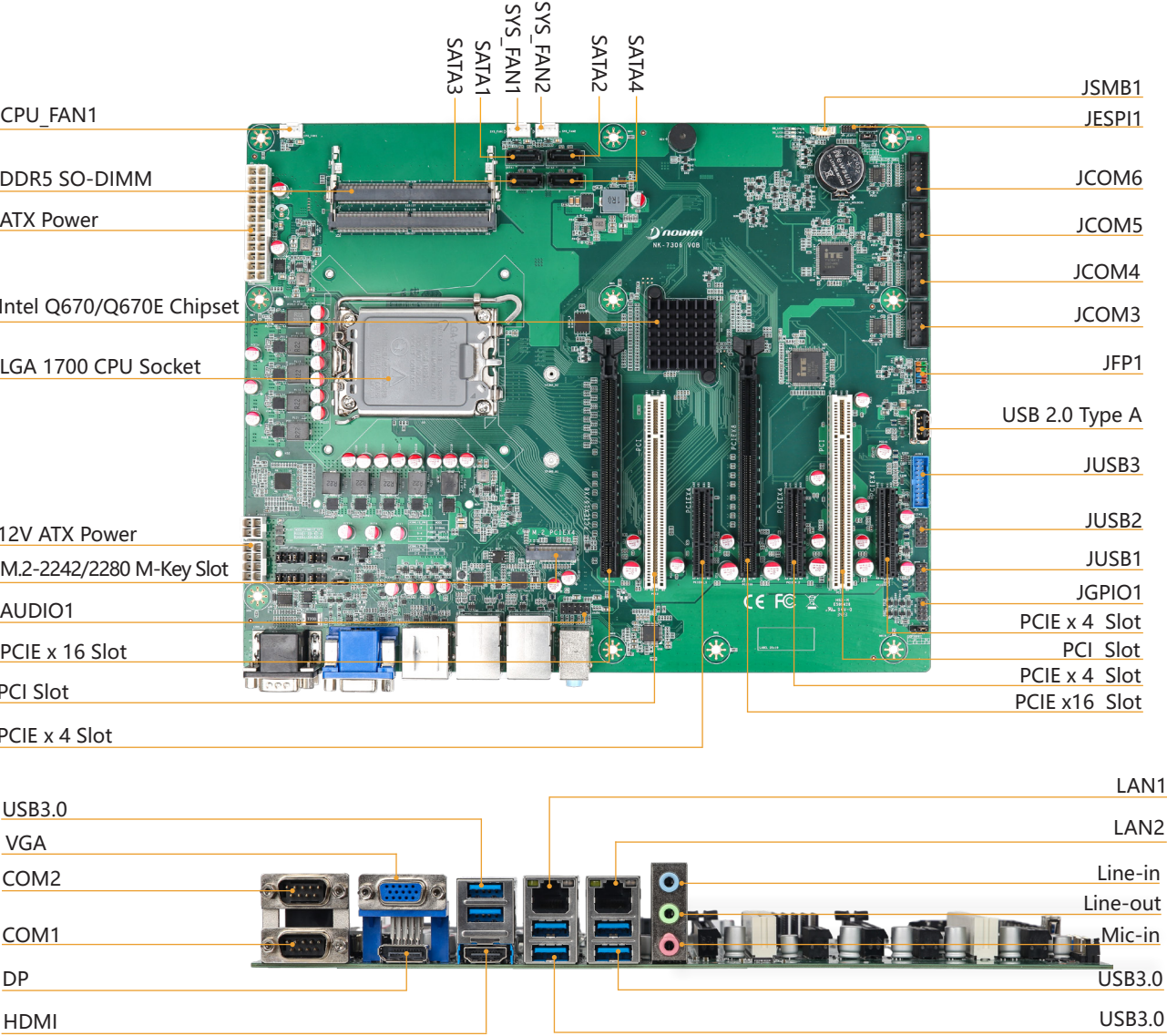


NK-7306

Q670/Q670E Chipset Support LGA1700 12/13th Generation processor ATX Motherboard

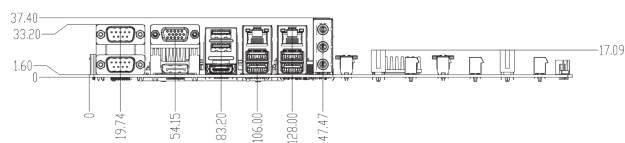
特点 Feature

- Intel® 12/13th Generation Celeron/Pentium/Core-I series LGA1700 processor,TDP up to 125W
- Support dual channel(Non-ECC) DDR5-4800/5600MHz SO-DIMM slot, up to 64GB
- Support VGA,HDMI,DP Tri-display
- 1 x Giga-bit Ethernet,1 x 2.5 Giga-bit Ethernet
- 8 x USB3.0 ports, 5 x USB2.0 ports
- 2 x RS232/485, 4 x RS232
- 4 x SATA3.0 support software RAID 0,1,5,10,1xM.2-2242/2280 SATA/NVME Slot
- 2 x PCIe4.0 X 16 (1 x 16 or 2 x 8 link),3 X PCIe X 4, 2 X PCI



规格 Specification

处理器 Processor System	CPU	Intel® 12/13th Generation Celeron/Pentium/Core-I series processor, TDP up to 125W
	插槽 Socket	LGA1700
	芯片组 Chipset	Intel Q670/Q670E
	BIOS	AMI 256Mb UEFI BIOS
内存 Memory	技术 Technology	Dual Channel(Non-ECC) DDR5-4800/5600MHz, up to 64GB
	插槽 Slot	2 x 262-pin SO-DIMM slots
存储 Storage	SATA	4 x SATA3.0 ports,Support software RAID 0,1,5,10
	M.2	1 x M.2-2242/2280 M Key Slot (PCIe4.0 X 4 Signal)
图形 Graphic	控制器 Controller	Intel HD graphics integrated
音频 Audio	编码器 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 4096x2160@30Hz
	网络 Ethernet	2 x GbE(RJ45)LAN1: Intel i219-V ;LAN 2: Intel i226-V
	USB	6 x USB3.0(5Gbps)
	串口 Serial Port	2 x RS485/232,1 x RS232
	音频 Audio	1 x Mic-in, 1 x Line-in, 1 x Line-out
内部接口 Internal I/O	COM	4 x RS232 wafer
	USB	2 x USB3.0 pin header(1 x 2*5pin),4 x USB2.0 pin header,(2 x 2*5pin),1 x Vertical USB2.0 type-A connector
	eSPI	1 x eSPI header for debug
	FAN	1 x CPU Fan wafer(1*4pin), 2 x SYS Fan wafer(1*4pin)
	GPIO	1 x 8bit GPIO
	SMbus	1 x SMbus wafer
	Front Panel	1 x Front Panel(Power LED, HDD LED, Power button, Reset button)
扩展接口 Expansion Slots	PCIe X 16	2 x PCIe X 16(Gen4) slots (1 x 16 or 2 x 8 link)
	PCIe X 4	3 x PCIe X 4(Gen4) slots
	PCIe	2 x PCI slots
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 + 8/12-Pin ATX 12V
	功耗 Consumption	TBD
操作系统 O.S Support	MS Windows	Windows10/11
	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)



订购信息 Order Information

料号 Part No.	型号 Model	描述 Description
	NK-7306-Q670	ATX MB,Q670,12/13th CPU,2xDDR5 SODIMM,1xM.2-2242/2280,4xSATA3.0,2xLAN,6xCOM,13xUSB

包装清单 Packing List

料号 Part No.	数量 Qty	描述 Description
	1	NK-7306 User manual
	4	Single COM port Cable(400mm)
	1	Single SATA Date Cable(450mm)

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
	LGA1700 CPU Cooler,TDP up to 125W
	Single COM Port Cable(400mm)
	1 in 2*USB2.0 Type-A Y Cable(300mm)
	Single SATA Date Cable(450mm)
	Single I/O Port Bracket
	1 in 2*USB3.0 Type-A Y Cable(300mm)