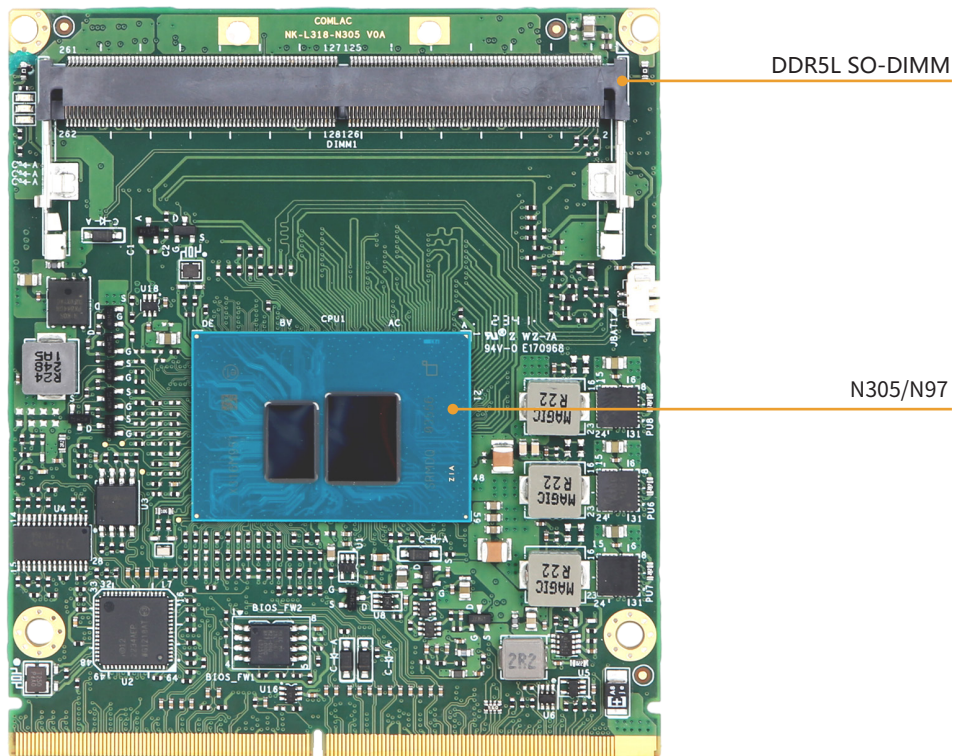


NK-L318-N305/N97

95*82 Alder lake N Comlac Board

特点 Feature

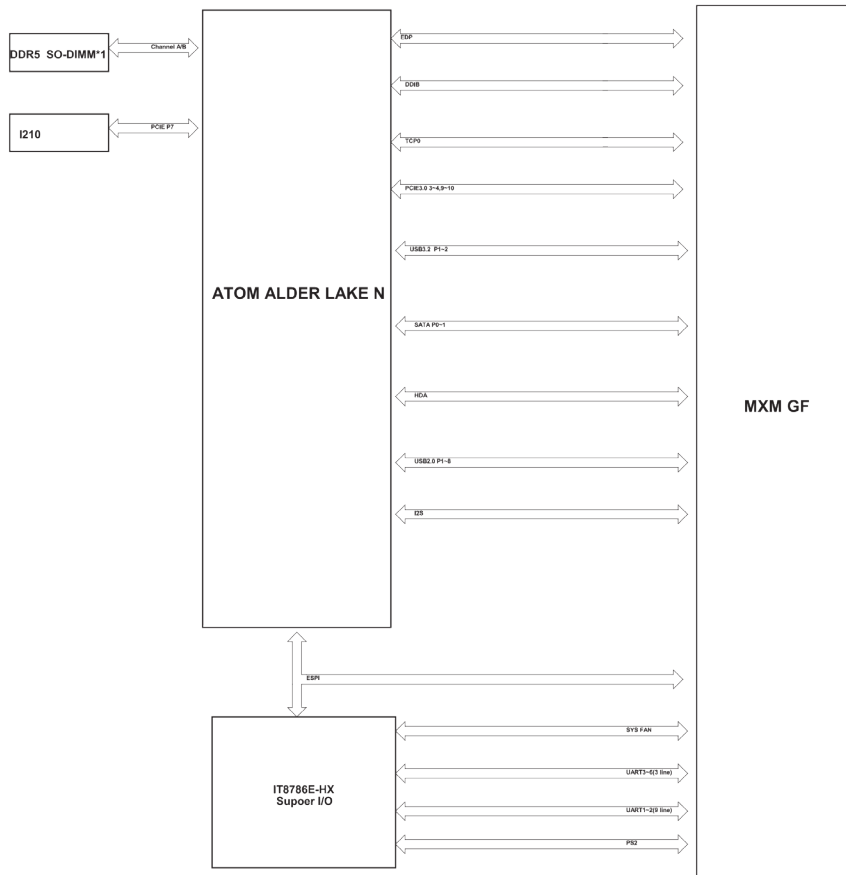
- Intel® Core i3-N305 processor, Octa-core, Max frequency 3.8GHz, TDP 15W
- Intel® N-series N97 processor, Quad-core, Max frequency 3.6GHz, TDP 15W
- Support 1 x DDR5-4800MHz SO-DIMM slot, up to 16GB
- Support 2 x DDI, 1 x eDP, Tri-Display
- Type3 Interface Signals with MXM3.0 Gold Finger



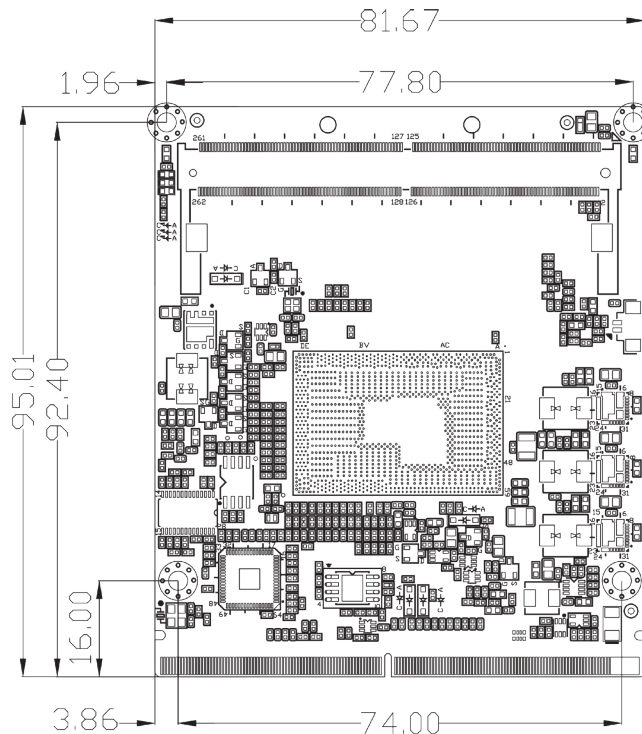
规格 Specification

处理器 Processor System	CPU	Intel® i3-N305/N97 Alder lake N processor,TDP 15W
	芯片组 Chipset	Intel® SoC integrated
	BIOS	AMI 256Mb UEFI BIOS
内存 Memory	技术 Technology	Signal Channel(Non-ECC) DDR5-4800MHz,up to 16GB
	插槽 Slot	1 x DDR5 262-pin SO-DIMM slot
图形 Graphic	控制器 Controller	Intel® UHD Graphics integrated
扩展信号 Expansion Signals	显示 Display	2 x DDI,1 x eDP
	网络	Intel I210AT controller
	串口 Serial Port	2 x Uart (9 line),4 x Uart (3 line)
	USB	2 x USB3.0,8 x USB2.0
	音频 Audio	1 x Intel HDA Audio codec
	GPIO	1 x 4bit GPIO
	Fan	1 x Smart FAN
	PCIe	4 port 4 lanes(1 X2、 2 X1)
	SATA	2 x SATA 3.0
	其它	1 x KB/MS,1 x I ² C,1 x Smbus,1 x Buzzer,1 x eSPI
看门狗定时器 Watchdog Timer	输出 & 间隔 Output&Interval	System reset,programmable from 1~255 seconds
电源 Power	Power input	5V
操作系统 O.S Support	MS Windows	Windows10/11
	Linux	Linux
机械参数 Mechanism	尺寸 Dimensions	(L)95mm x (W)82mm
	净重 Gross Weight	0.04kg
环境 Environment	温度 Temperature	Operating: 0°C ~60°C with SSD Storage: -40°C ~85°C
	湿度 Humidity	5~95% (Non-condensing)
	振动 Vibration	5~500Hz, 3Grms operating

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-L318-N305	Type3,95*82mm Alder Lake-N,i3-N305,1x DDR5-4800 SO-DIMM
TBD	NK-L318-N97	Type3,95*82mm Alder Lake-N,i3-N97,1x DDR5-4800 SO-DIMM

包装清单 Packing List

料号 Part No.	数量 Qty	描述 Description
	1	NK-L318 Comlac User manual