

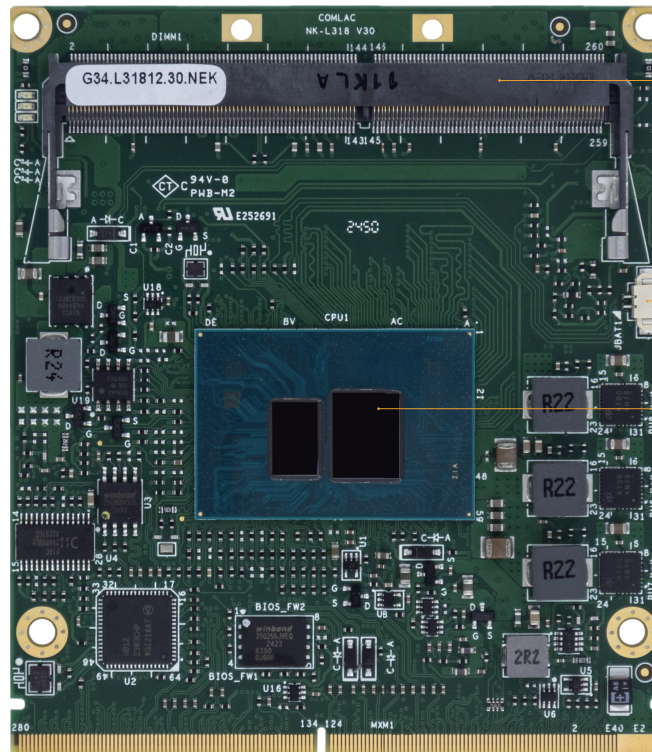
NK-L318-N305/N97

95*82 Alder lake N i3-N305/N97/X7425EComlac Board

01 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 12W
- Intel Atom® X7425E processor,Quad-core, up to 3.4GHz, TDP 12W
- Support 1 x DDR5-4800MHz/DDR4-3200MHz(V30)SO-DIMM slot,up to 16GB
- Support 2 x DDI,1 x eDP,Tri-Display
- Type3 Interface Signals with MXM3.0 Gold Finger

02 I/O Layout



DDR5/DDR4 SO-DIMM

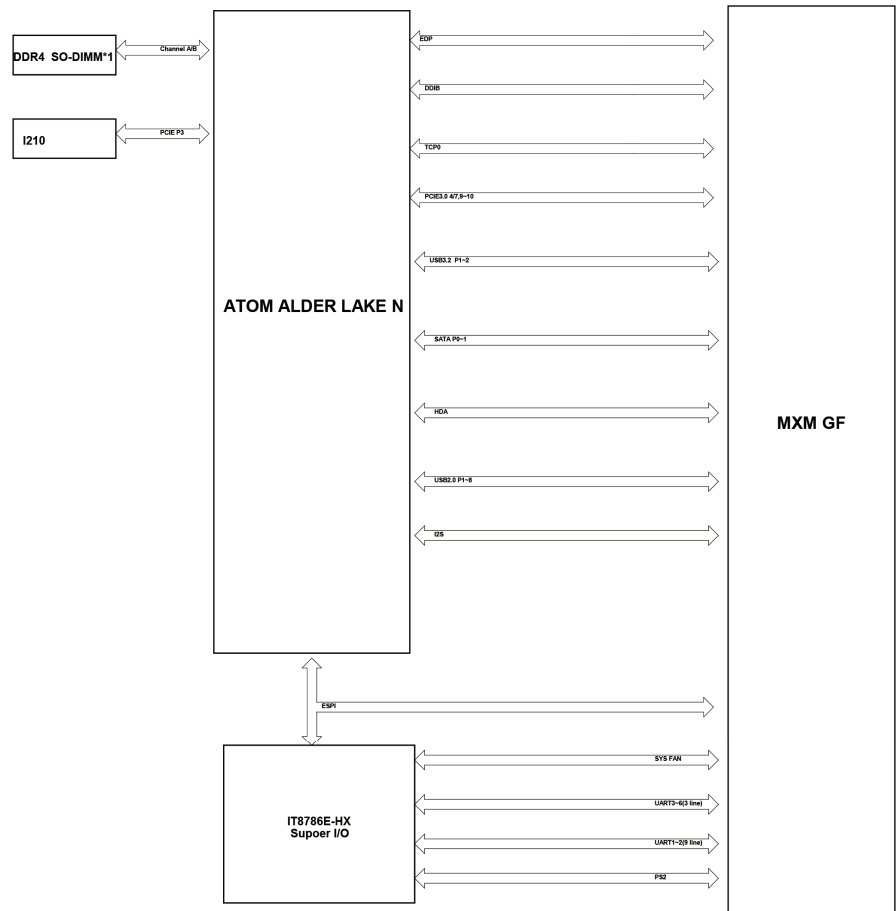
Battery

N305/N97/X7425E

03 规格 Specification

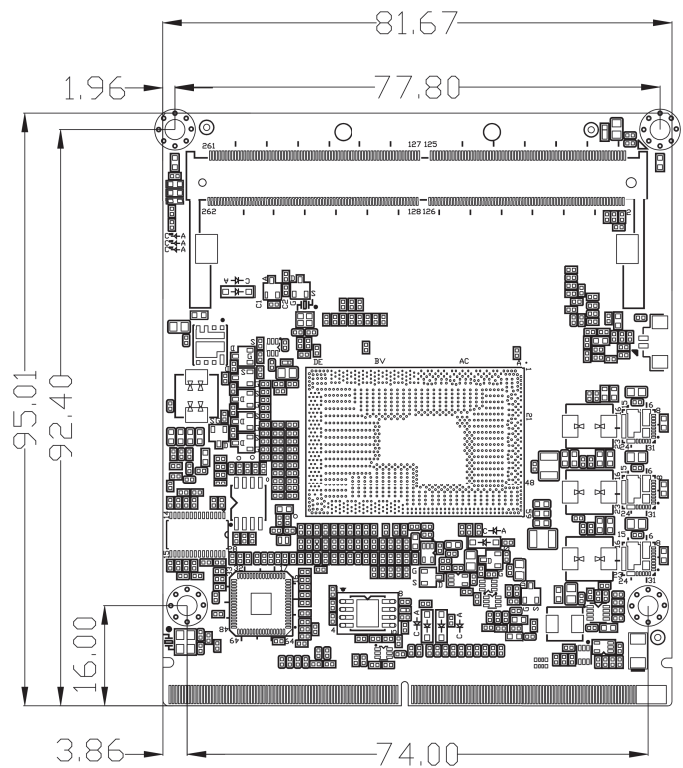
项目	参数
处理器 Processor System	CPU
	芯片组 Chipset
	BIOS
内存 Memory	技术 Technology
	插槽 Slot
图形 Graphic	控制器 Controller
扩展信号 Expansion Signals	显示 Display
	网络
	串口 Serial Port
	USB
	音频 Audio
	GPIO
	Fan
	PCIe
	SATA
	其它
安全 Security	TPM
看门狗定时器 Watchdog Timer	输出 & 间隔 Output&Interval
电源 Power	Power input
操作系统 O.S Support	MS Windows
	Linux
机械参数 Mechanism	尺寸 Dimensions
	净重 Gross Weight
环境 Environment	温度 Temperature
	湿度 Humidity
	振动 Vibration

04 框架图 Block Diagram



05 机构图 Mechanical Drawing

单位 (Unit): mm



06 订购信息 Order Information

料号 Part No.	型号 Model	描述 Description
F34.L31801.20.NEK	NK-L318-N305	Type3,95*82mm Alder Lake-N,i3-N305,1x DDR5-4800 SO-DIMM
F34.L31807.30.NEK	NK-L318-N305_V30	Type3,95*82mm Alder Lake-N,i3-N305,1x DDR4-3200 SO-DIMM
F34.L31802.20.NEK	NK-L318-N97	Type3,95*82mm Alder Lake-N,N97,1x DDR5-4800 SO-DIMM
F34.L31806.30.NEK	NK-L318-N97_V30	Type3,95*82mm Alder Lake-N,N97,1x DDR4-3200 SO-DIMM
F34.L31808.30.NEK	NK-L318-X7425E_V30	Type3,95*82mm Alder Lake-N,X7425E,1x DDR5-4800 SO-DIMM