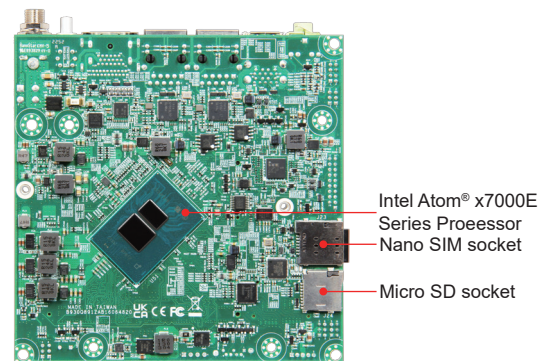
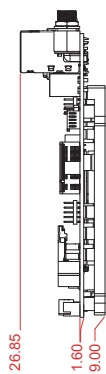
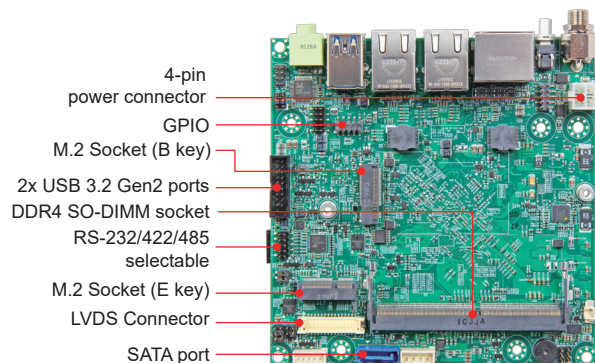


NANO-6064

NANO-ITX 主板搭载 Intel Atom® x7000E Series SoC
并具备 Triple Display、2.5GbE LAN、USB 3.2 Gen2、
M.2、SATA III

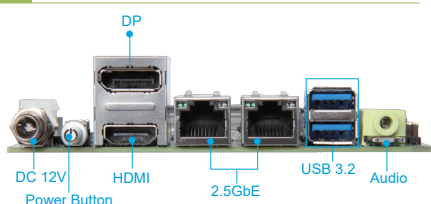


NANO-6064采用最新Intel Atom® x7000E/ Intel® Processor N-Series/Intel® Core™ i3 N-Series。该处理器带来更高运算与图像处理效能，使NANO-6064适合需高效率的物联网应用，例如医疗、零售、数字广告牌。

特点

- 支持低功耗 Intel Atom® x7000E Series SoC and 与高效能 Intel® i3 N-Series SoC
- 最高 16GB DDR4 3200MT/s non-ECC SO-DIMM
- 支援 multiple display via HDMI, DP, LVDS
- 高速 I/O 与 dual 2.5GbE and four USB 3.2 Gen2
- 多元扩充 with M.2 E Key and B Key
- 支援 on board TPM 2.0

REAR I/O



订购指南

AB1-3R12Z	(R) NANO-6064 Nano-ITX ESB, Intel Alder Lake-N SoC, w/DDR4 SO-DIMM/LVDS/HDMI/DP/dual 2.5 GbE LAN/micro SD
-----------	--

特点

处理器	- Intel Atom® x7000E Series Processor (up to 12W) - Intel® Processor N-Series - Intel® Core™ i3 N-Series Processor (up to 15W)
BIOS	AMI UEFI BIOS
内存	- 1x non-ECC DDR4 3200MT/s SO-DIMM up to 16GB - Support In-Band ECC
储存装置	- 1x SATA III - 1x M.2 B Key 2280(SATA III) - 1x Micro SD socket
看门狗定时器	Programmable Watchdog Timer, time out period from 0.5 sec to 254.5 secs
硬件监控	System Monitor (Voltage, Fan speed, Temperature)
扩充接口	- 1x M.2 E Key 2230 - 1x M.2 B Key 3052+2280 (share with M.2 2280 SATAIII socket)

I/O 界面

音源	- HDA controller integrated in Intel® SoC - Realtek ALC897 HDA codec - Audio jack on rear I/O (line-out) - On board pin header (line-in, line-out, mic-in)
以太网路	- 2x Intel® 2.5GbE Controller (I225-LM) - 2x RJ45 connectors on rear I/O
串行端口	- 1x RS-232/422/485 port (selectable via BIOS)
USB	- 2x USB 3.2 Gen2 on rear I/O - 2x USB 3.2 Gen2 on board pin header (1x USB 3.2 Gen2 share with M.2 B key socket)
其他	- TPM 2.0 on board - 8x GPIO - Support Real-time Performance - Intel® TCC & TSN(only selected skus)

显示器

图像控制	Intel® UHD Graphics Gen12 with up to 32 EUs
显示器界面	- LVDS: 1x LVDS on board connector (Dual channel, 24bit, 1920x1200 @60Hz) - HDMI: 1x HDMI port on rear I/O (HDMI 2.0b, 4096x2160 @ 60Hz) - DP: 1x DP port on rear I/O (DP 1.4, 4096x2304 @ 60Hz)

机构与环境

尺寸	120mm(L) x 120mm(W), 4.72"(L) x 4.72"(W)
电源供应	DC 12V input
环境	- Operating temperature: 0°C~60°C - Storage Temperature: -40°C~85°C - Relative Humidity: 5~95%, non-condensing
MTBF	TBD

