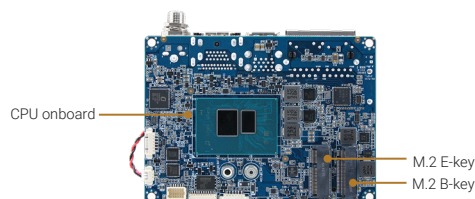
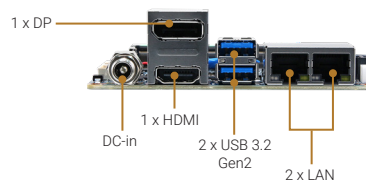
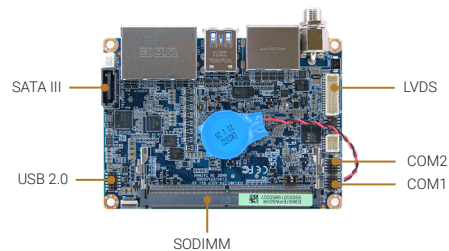


## Features

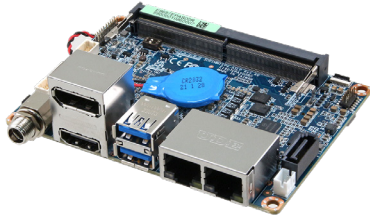
- Intel® Processor N97
- Bottom Layer Soldered Processor
- Supports Triple Display: DP 1.4a, HDMI 2.0b, 1 x 1CH LVDS
- Dual Expansion Slots: M.2 B-Key, M.2 E-Key
- Dual Intel® Gigabit Ethernet, 2.5GbE
- 2 x USB 3.2 Gen2, 4 x USB 2.0
- 2 x COM ports, GPIO, 1 x SATA III
- DC in +12V
- Ultra Small Form Factor: 3.94" x 2.83" (100mm x 72mm)



## Specifications

System	
CPU	Intel® Processor N97
System Memory	1 x 262-pin DDR5 4800MHz SODIMM socket supports up to 16GB
Audio	HD Audio
Ethernet	2 x Intel® Ethernet Controller I226-V (2.5 GbE)
I/O Chip	EC IC: IT5782 or Equivalent Fintek_F81435N or Equivalent for COM port
BIOS	AMI BIOS, 256Mbit SPI Flash ROM
Expansion	1 x M.2 B-Key 2242/3042 with (1 x PCIe x1 or USB3.2 GEN1) or (1 x SATA III + USB3.2 GEN1), USB2.0, SIM Slot for SSD/LTE/IO Cards) * Default: SATA) * 1 x 10-pin FPC connector for Micro SIM card adapter * Optional Micro SIM card to SIM card adapter 1 x M.2 E-Key 2230 supports Wi-Fi module, USB 2.0 Signal, PCIe x1 Signal
Storage	1 x M.2 B-Key 1 x SATA III
Watchdog Timer	H/W Reset: 1Sec. ~ 65535Sec./Min. and 1 Sec. or 1Min./Step
H/W Status Monitor	CPU Temperature Monitoring Voltages Monitoring CPU Fan Speed Control
TPM	Supports fTPM
Supported OS	Windows 11, Linux Note: Windows 11 is not an LTSC release and will be supported on the Intel CCG Client roadmap. NEX Network & Edge customers may install non-LTSC releases (e.g., Windows 11) on NEX Network & Edge processors. Display
Display	
Graphics Engine	Intel® UHD Graphics
Display Interfaces	HDMI: 2.0b Max resolution 4096 x 2160@60Hz DP: 1.4a Max resolution 4096 x 2160@60Hz LVDS: 1366 x 768 Single Channel 18/24-bits
Multi-Display	Supports 3 Independent Displays

External I/O	
Display	1 x DP, 1 x HDMI
LAN	2 x RJ45
USB	2 x USB 3.2 Gen2
DC-in	Lockable DC Jack
Internal I/O	
Display	LVDS
USB	4 x USB 2.0
COM	1 x RS-232 1 x RS-232/422/485
GPIO	1 x 4-bit GPIO



### Mechanical and Environment

<b>Power Type</b>	DC in +12V
<b>Operating Temperature</b>	Processor N97 Standard Temperature: 0°C ~ 60°C with 0.5m/s Air Flow Fanless Select CPU: Extend Temperature: 0°C ~ 60°C with 0.5m/s Air Flow with Fan
<b>Storage Temp</b>	-40 ~ 75°C (-40 ~ 167°F)
<b>Operating Humidity</b>	40°C @ 95% Relative Humidity, Non-condensing
<b>Form Factor</b>	Pico-ITX
<b>Dimensions</b>	3.94" x 2.83" (100mm x 72mm)
<b>Certification</b>	CE, FCC, RoHS Compliant
<b>Weight</b>	approx. 0.66lbs (0.3Kgs)

### Ordering Info

**EPX-ASLP** Please contact [BCMSales@bcmcom.com](mailto:BCMSales@bcmcom.com) for more details.

\* All product specifications and images are subject to change without notice. Last update: 08/08/2024



**BCM Advanced Research**

11 Chrysler, Irvine, CA 92618 USA  
An industry leader in industrial motherboards  
& embedded computing

**[www.bcmcom.com](http://www.bcmcom.com)**

[BCMSales@bcmcom.com](mailto:BCMSales@bcmcom.com)  
(949) 470-1888