Box PC | BPC-323



FEATURES

- Intel Alder Lake-N low power processors
- 4 x Intel® i210 Gigabit Ethernet ports
- HDMI 4K@30Hz output & 6 x COM ports
- Up to 16GB DDR4 & M.2 2280 SATA SSD
- Optional Wi-Fi or 4G via Mini-PCIe
- DC 12~24V wide voltage terminal input

SPECIFICATIONS

System

CPU	Intel® Alder Lake-N Series Processor
Memory	1 x DDR4 SO-DIMM 3200MT/s, Max. 16 GB
Storage	1 x M.2 2280 SATA SSD slot 1 x SATA 3.0 port
Display	1 x HDMI, support 4K@30Hz
USB	2 x USB 3.2 Gen1, 2 x USB 2.0 (Rear) 2 x USB 2.0 (via internal header)
LAN	4 x GbE RJ45 (Intel® i210)
COM	2 x COM (RS232/485) 4 x COM (RS232)
Audio	1 x Audio (Line-out + Mic)
Expansion	1 x Mini-PCIe slot (Wi-Fi / 4G)
SIM Card	1 x SIM Card slot
TPM	TPM2.0
WatchDog	Support
OS Support	Windows 10, Windows 11, Linux

Power

Input Voltage	12~24V DC (Terminal Block)

Mechanical

Dimensions	175 x 120 x 64.6 mm (6.9 x 4.7 x 2.5 in)

Environment

Operating Temperature	0~60℃ (32~140℉)
Storage Temperature	-40~85°C (-40~185°F)
Relative Humidity	5%~95% (non-condensing)
EMC	CE FCC

OPTIONS

System

CPU	Intel Processor N95 Intel Processor N97 Intel Processor N100
Memory	Single SO-DIMM DDR4: 4GB, 8GB, 16GB
Storage	M.2 2280 SSD: 128GB, 256GB, 512GB, 1TB

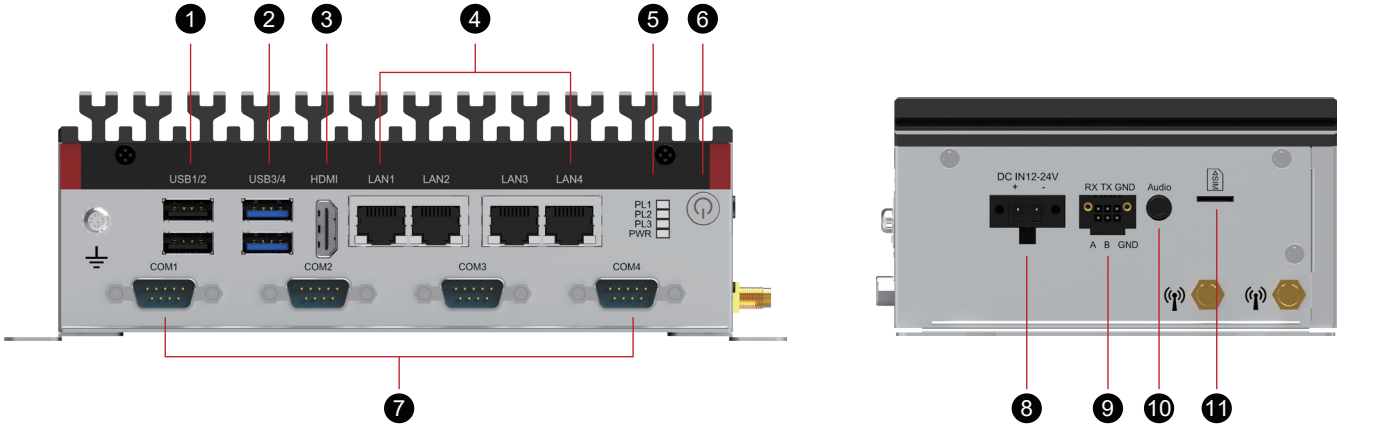
Communications

WiFi & Bluetooth	Wi-Fi module via Mini-PCIe optional
4G LTE	Optional 4G LTE module

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I/O LAYOUT



1. 2 x USB 2.0
2. 2 x USB 3.2 Gen1
3. 1 x HDMI (4K@30Hz)
4. 4 x GbE RJ45 (Intel i210)
5. PWR, PL1, PL2,PL3 LED
6. Power Button
7. 4 x COM (RS232)
8. DC IN, 12V~24V
9. 1 x RS232, 1 x RS485
10. Audio Combo Jack
11. SIM Card slot

PRODUCT DIMENSIONS

unit: mm

