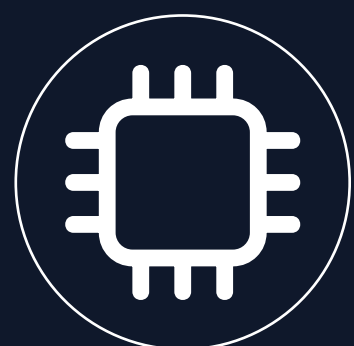


# The Embedded Box PC

## B10A

- Exceptionally efficient 12th-Gen Alder Lake Processor, Windows 11 OS;
- PCIe 3.0 M.2 design with expandable memory up to 512GB;
- Next-Gen WiFi 6 wireless rapid connectivity, delivering nearly 3 times faster transmission speeds compared to the previous generation;
- USB3.0/RJ45/DB9/HDMI and other rich interfaces, connecting to various professional equipment;
- Wide temperature operation from -20°C to 60°C;
- Supports 12-24V wide voltage input, 24/7 all day operation;
- Versatile mounting options like wall-mounted, embedded, or desktop installation for diverse scenarios;
- Made of high quality aluminum alloy, making it sturdy and durable.



Intel 12th-gen  
Alder Lake Processor



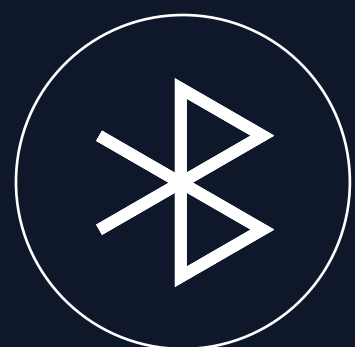
Windows 11  
Operating System



8GB RAM  
128GB ROM



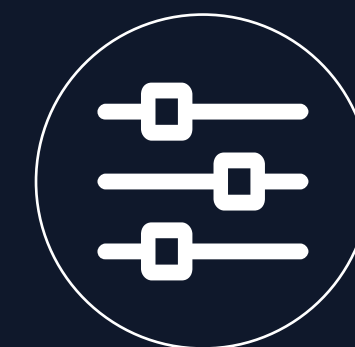
WiFi 6



BT5.1



Running 24/7 without  
affecting reliability



Rich interface  
extensions



storage expansion

# The B10A

## Specifications



### CPU

12th-Gen Alder Lake  
i5-1235U/i7-1255U  
Processor



### Operating System

Windows 11



### Memory

RAM 8GB onboard  
ROM 128GB  
Optional: 256/512GB



### Dimension/Weight

264\*135.2\*37.2 mm  
1.0g



### WiFi

WiFi 802.11(a/b/g/n/ac/ax)  
2.4G+5G, supports WiFi 6



### Bluetooth

BT 5.1



### Internet

Optional: 4G Module



### Adapter

Output DC 19V/3.42A



### I/O Interface

USB 3.0 \*4  
DC 19V/3.42A \*1 (Supports 12--24V)  
Standard Earphone Jack \*1  
RJ45 \*2  
HDMI \*1  
DB9 RS232 \*2  
M.2 \*1



### Rugged Features

Working temperature: -20 °C to 60 °C  
Storage temperature: -30 °C to 70 °C  
Humidity: 95% Non-Condensing



### Product Color

Black

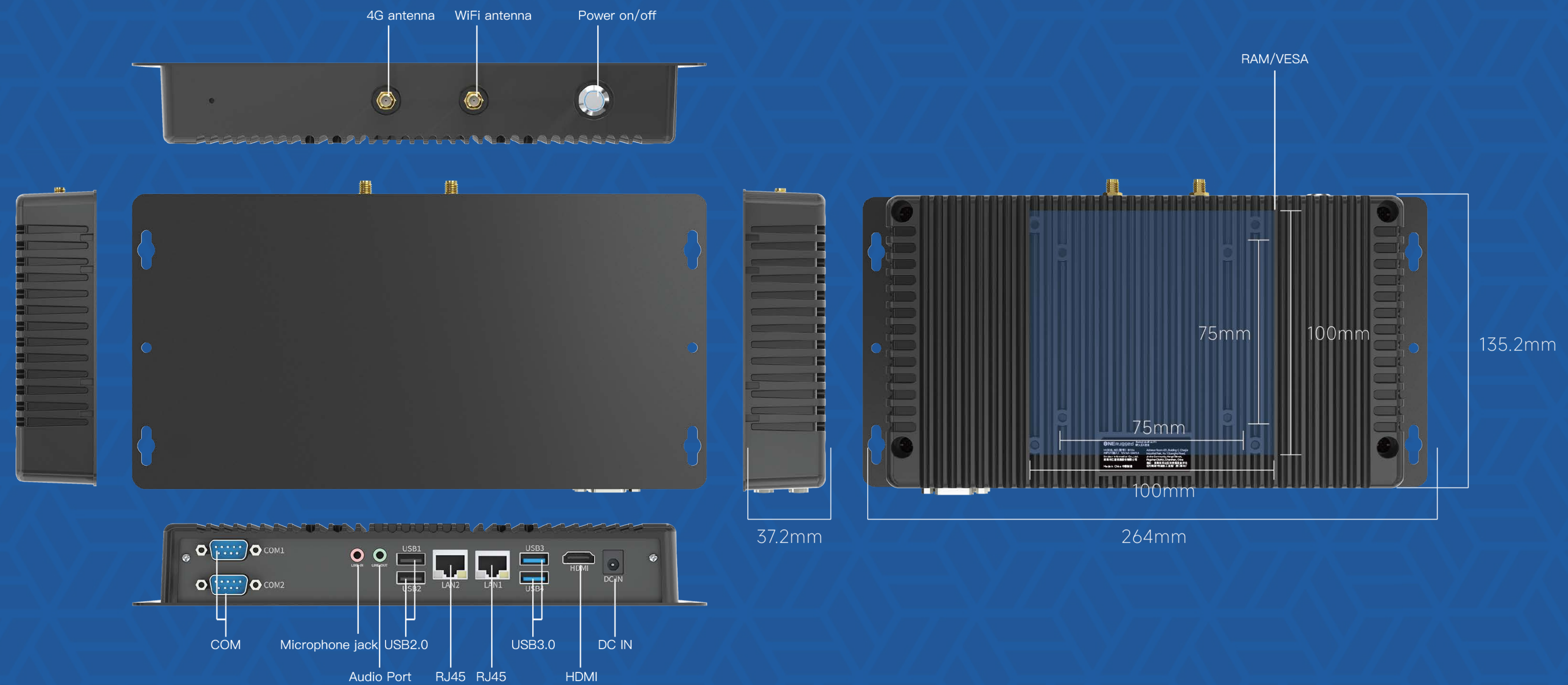


### Material

TBD

# The B10A

## Product Six Views



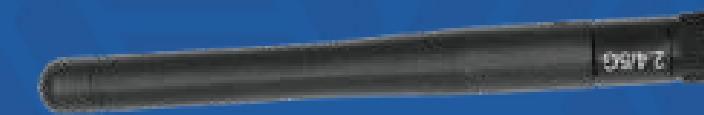
## Accessories (Standard)



19V/3.42Adapter



PPC\_Hook assembly \*4



Antenna 2.4~2.5GHZ /5.15~5.85GHz \*2

\* The technical specifications of this product are subject to change without prior notice