

# Product Specification

## 1. Product Picture



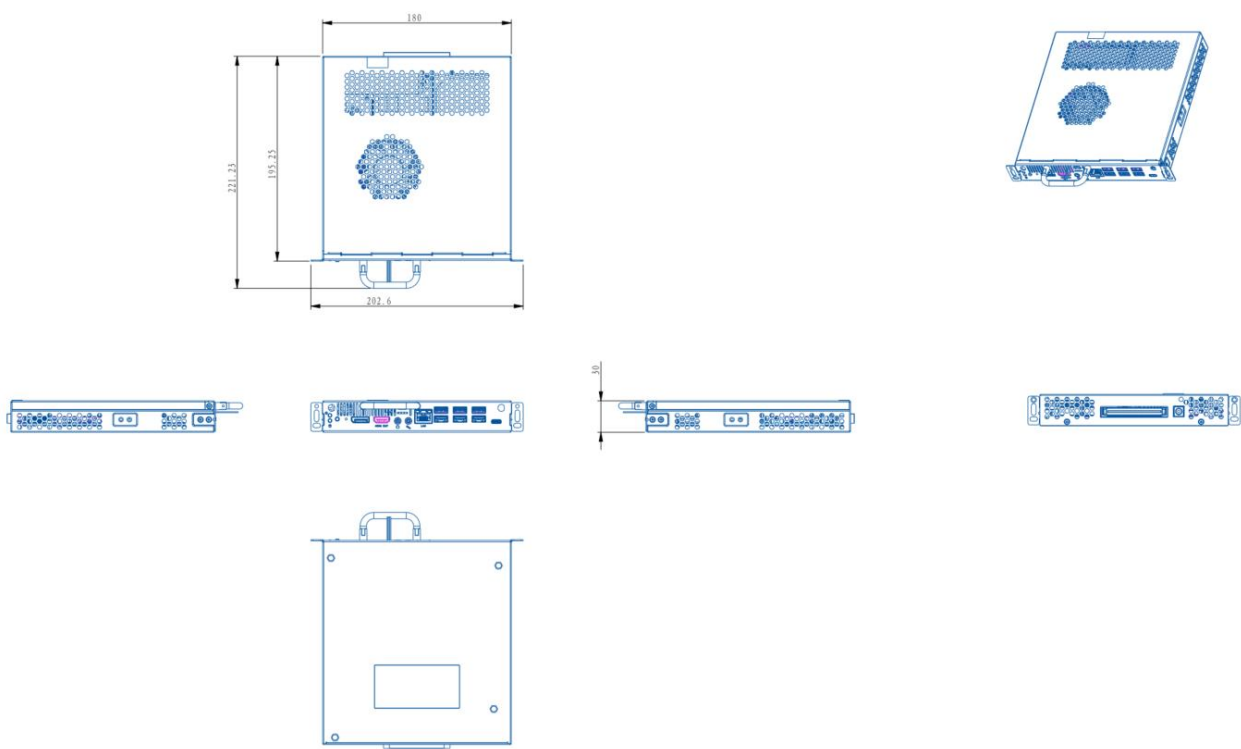
## 2. Specification

	CPU	Core	Threads	Base Frequency	Max Frequency	TDP	Cache
CPU	i5-12450H	8	12	2.0Ghz	4.4Ghz	45W	12M
	i7-12650H	10	16	2.3Ghz	4.7Ghz	45W	24M
Memory	Type	Dual channel DDR4					
	Interface	260-Pin DDR4 SODIMM					
	Max Size	32GB					
Graphics	Intel® Xe Graphics for 12th Generation Intel® Processors						
Storage	SSD	1 × M.2-2280 SATAIII ( up to 6Gb/s ) SSD 128GB/256GB/512GB (optional)					
	HDD	1 × 2.5’ HDD SATAIII ( up to 6Gb/s ) 500GB/1TB (optional)					
Interface	USB	6 × USB3.0					
		1 × USB Type-C					
	Audio	1xMIC in(Pink)					
		1xLine Out(Green)					
	Ethernet	1 × RJ45 ( 10/100/1000M )					

	HDMI	1 × HDMI ( Max resolution 3840 × 2160@60Hz )
	DP	1 × DP ( Max resolution 3840 × 2160@60Hz )
	HDD_LED	1 × HDD LED (Running : green LED blinking)
	POWER_LED	1 × Power LED ( Power on: red LED )
	Antenna	2 × 2.4G/5G Dual frequency antenna
	Power button	1 × Power button
	OS recovery	1 × OS recovery
Expansion	WLAN	1 × M.2 2230 ( 802.11a/b/g/n/ac,2.4+5.8GHz,BT5 )
80Pin OPS Interface	HDMI	1 × HDMI ( Max resolution 3840 × 2160@60Hz )
	USB	1 × USB3.0
		3 × USB2.0
	DC power	12~19V DC
Operation system	Windows 10 64bit, Windows 11 64bit	
Power	Power Supply Mode	80-pin OPS Interface Power Supply
	Input power	12V~19V
	Max Power Consumption	120W
	Standby Power Consumption	1.5W
Environmental	Operation Temperature	-10~50℃
	Operation Humidity	10%~90%RH
	Storage Temperature	-20~60℃
	Storage Humidity	10%~90%RH

Physical Specifications	Dimension L × W × H	195.3 × 180 × 30mm	
	Dimension	1pcs	304 × 266 × 82mm
	(package) L × W × H	5pcs	432 × 318 × 295mm
	Net Weight	TBD	
	Gross Weight	1pcs	TBD
		5pcs	TBD

3. Dimensions (mm)



## 4. I/O Interface



I/O Interface	Quantity
Power Statues LED	1
HDD Statues LED	1
Power Button	1
DP OUT	1
HDMI OUT	1
Line Out	1
Mic In	1
LAN(RJ45)	1
USB 3.0	6
USB Type-C	1

Sequence: From left to right, top to bottom

## 5. Statement

Size and weight vary by configuration and manufacturing process, please refer to the actual product. The product images are for illustrative purposes only and may slightly differ in appearance, colour, size, etc. from the actual product.

The description, illustrations, etc. in this document may subject to change in accordance with the latest product specification and performance.

Should the above-mentioned change in the document become necessary, the document may be updated without written notice.

## FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or

television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## FCC Radiation Exposure Statement

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure