



GCA01

Intel Alder Lake Platform Processor



CPU	
CPU	Intel® Alder Lake H Core™ Processors
TDP	45 W

Display	
Graphic card	Intel® UHD Graphics
Multi displays	Support 2 displays
Interface	1 x HDMI1.4 1 x DP1.2

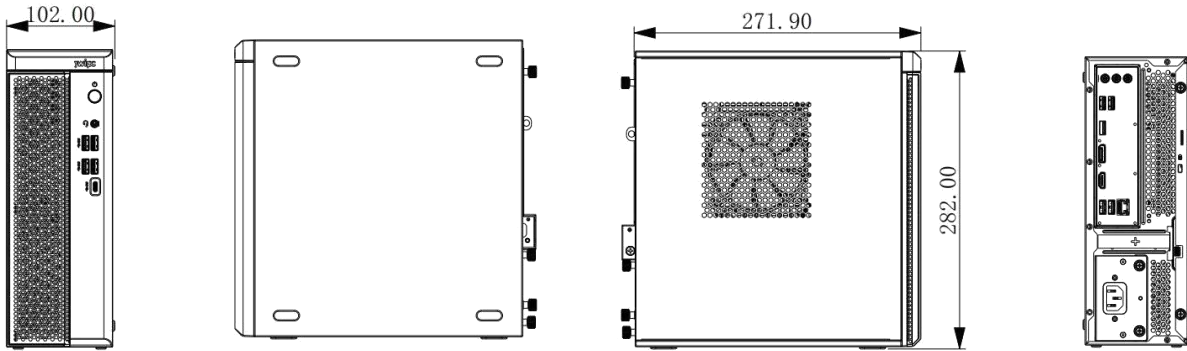
System	
Memory	Dual SoDIMM DDR4 Max. 64 GB
Storage	1 x M.2 Key M 2280/2242 for NVMe SSD 1 x 2.5" SATA Port
OS	Windows11
BIOS	Dual BIOS, Support UCC
WatchDog	N/A
Auto Power On	Yes
Power Input	220V AC IN, Max 180W
Dimension	282mm(L) x 102mm(W) x 271mm(H)
Operating Temp.	-5~45°C
Operating Humidity	10%~90% non-condensing
Storage Temp	-20~70°C
Operating Humidity	5%~95% non-condensing

Network	
Lan IC	RTL8111H
Lan Interface	10/100/1000Mbps
Lan Connector	1 x RJ45 Ports
Wireless Type	M.2 Key E 2230 Module
Wireless Interface	WiFi6E/BT5.1 Module

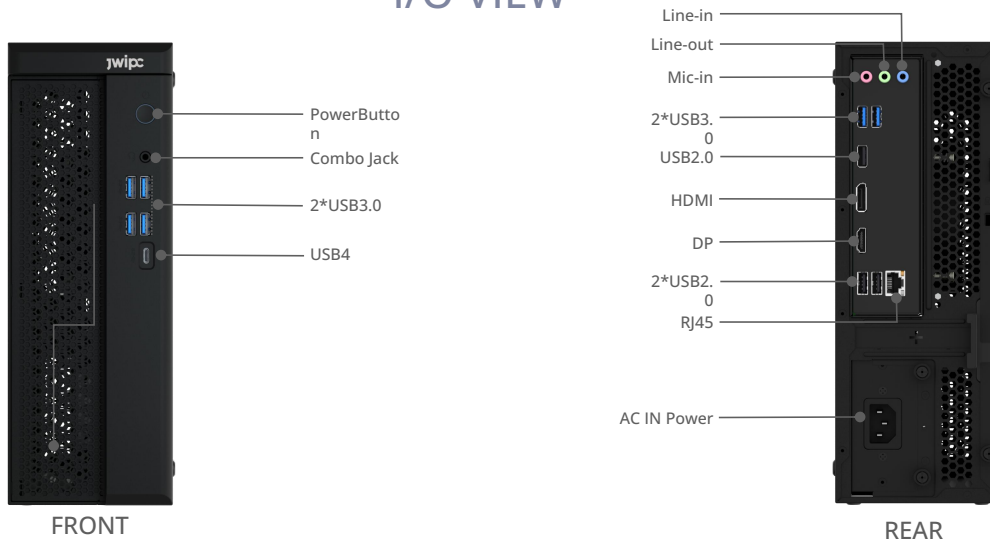
I/O interface	
PS/2	N/A
USB	Front: 4 x USB3.2 Gen1, 1 x USB4 Rear: 3 x USB2.0, 2 x USB3.2 Gen2
Button	1 x PowerButton
AUDIO	Front: 1 x Combo jack Rear: 1 x Line out, 1 x Line in, 1 x Mic in
Expansion	1 x PCIe x16 slot (x8)
POWER	1 x 220V ATX Connector

Based on Intel Alder Lake-H Platform design, which Support 2 Displays (HDMI+DP), 1.0Gbps Lan, 1 x Type-C with 40G, 6 x USB3.0, 3 x USB2.0, reducing 40% of carbon emissions compared with traditional desktops.

DIMENSIONS



I/O VIEW



MODEL	DESCRIPTION
GCA01-A	Intel I5-12450H /DDR4 8GB/ 128GB SSD/1* RJ45/1* HDMI-Out/Intel 3165 WiFi/ 6* USB3.0/ USB4
GCA01-B	Intel I5-12500H /DDR4 16GB/ 256GB SSD/1* RJ45/1* HDMI-Out/Intel AX210 WiFi/ 6* USB3.0/ USB4
GCA01-C	Intel I7-13620H /DDR4 32GB/ 512GB SSD/ 1T HDD/1* RJ45/1* HDMI-Out/Intel AX210 WiFi/ 6* USB3.0/ USB4

SPECIES	PACKAGE LIST
Adapter	Power cord
Keyboard	x 1
Mouse	x 1
User Manual	x 1

RoHS