



PC613

RAPTOR LAKE OPS WITH MOBILE CPU



Intel® Raptor Lake-U
13th Gen. processors



JAE support HDMI/DP output
1 x HDMI (4096 x 2160 @60 Hz)



Support Wi-Fi/BT module



Optional Intel® vPro® technology

CPU

CPU	Intel® Core™ i3-1315U processor
	Intel® Core™ i5-1335U processor
	Intel® Core™ i7-1355U processor
Chipset	SoC
Total Cores	6 Cores/10 Cores/10 Cores
Total Threads	8/12/12
TDP	15 W

System

System Memory	Up to 64 GB, 2 x SO-DIMM DDR4-3200 MHz
Storage	1 x M-Key M.2 (2242/2280) for SSD
TPM	Optional: TPM2.0
Watchdog Timer	Yes
Auto Power On	Yes
RTC	Set up independently every day, a week as a cycle
Remo on	NA
Power Requirement	DC jack/80pin JAE DC-IN, 12V ~ 19V
Dimensions	200 mm x 119 mm x 30 mm (7.87" x 4.69" x 1.18")
Construction	Metal, Black
Operating System	Windows 11 (64bit)/Linux Ubuntu (64bit)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F) @0.7m/s Air Flow
Humidity	95% @ 45°C (non-condensing)
Certifications	CE, FCC Class B

Network

Network Controller	1 x Intel® i219LM Gigabit Ethernet
Ethernet Interface	1 x RJ45
Wi-Fi/BT	1 x E-Key M.2 (2230) for Wi-Fi/BT Support Wi-Fi 5, Wi-Fi 6 (CNVi)
Mobile Network	NA

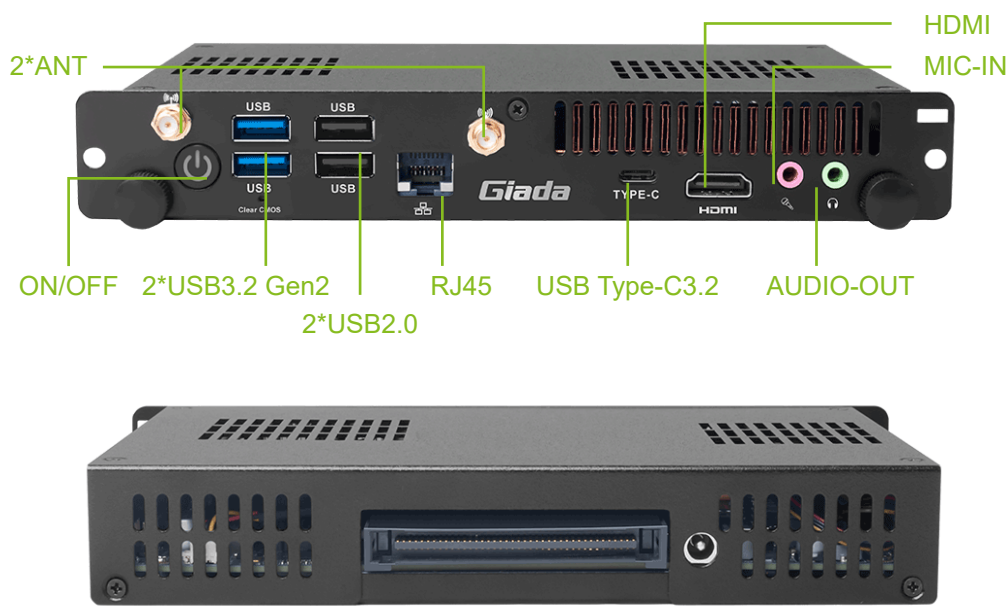
Display

GPU	Intel® UHD Graphics (Core™ i3 processor) Intel® Iris® Xe Graphics (Core™ i5/i7 processor)
Graphic Engine	DirectX12.1, OpenGL4.6, OpenCL3.0 Intel® Quick Sync Video
Display Interface	1 x HDMI (Max.4096 x 2160 @60 Hz)
JAE Interface	1 x DP (Max. 7680 x 4320 @60Hz) 1 x HDMI (Max. 4096 x 2160 @60Hz)

I/O interface

USB	1 x USB Type-C3.2 Gen2, 2 x USB3.2 Gen2, 2 x USB2.0
Serial Port	NA
Audio	1 x MIC-IN, 1 x AUDIO-OUT
Button	1 x Power on, 1 x CLR-CMOS
Antenna	2 x Connector for Wi-Fi/BT

Dimensions and Drawing



Order information

PC613-1315U40N0G-GIA	CPU: Intel® Core™ i3-1315U
PC613-1335U40N0G-GIA	CPU: Intel® Core™ i5-1335U
PC613-1355U40N0G-GIA	CPU: Intel® Core™ i7-1355U
Packing List	2 x Wi-Fi Antenna
Package	Carton, EPE

Optional items

Wi-Fi/BT Module	Wi-Fi 5 (802.11ac): Intel® Wireless-AC 9560 Wi-Fi 6E (802.11ax): Intel® Wi-Fi 6E AX210
Operating System License	Windows 11 (64bit)