



D614-U1

RAPTOR LAKE BOOK-SIZE SIGNAGE PLAYER



Intel® Raptor Lake-refresh
Core processors



4 x HDMI, Optional: 2 x HDMI, 1 x DP
Up to 7680 x 4320 @60 Hz



Support Wi-Fi/BT module
Support 3G/4G/5G module

CPU

CPU	Intel® Core™ 3 processor 100U Intel® Core™ 5 processor 120U
Chipset	SoC
Total Cores	6 Cores /10 Cores
Threads	8 /12
Base Power	15 W /15 W

Network

Network Controller	1 x Intel® Ethernet Controller i226-V
Ethernet Interface	1 x 2.5 GbE RJ45
Wi-Fi/BT	1 x E-Key M.2(2230) for Wi-Fi/BT Support Wi-Fi 5, Wi-Fi 6, Wi-Fi 6E (CNVi)
Mobile Network	1 x B-Key M.2 (3042/3052) for 3G/4G/5G, 1 x SIM Slot

System

System Memory	Up to 96 GB, 2 x SO-DIMM DDR5-5200 MHz
Storage	1 x M-Key M.2 (2280) PCIe4.0 X4 for SSD
TPM	Optional: TPM2.0
Watchdog Timer	Yes
Auto Power On	Yes
RTC	Set up independently every day, a week as a cycle
Power Requirement	DC-IN, 19 V/4.74 A
Dimensions	189.6mm x 148.3mm x 26mm (7.46" x 5.83" x 1.02")
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	10 ~ 90% @ 45°C (non-condensing)
Certifications	CE, FCC Class B, UKCA

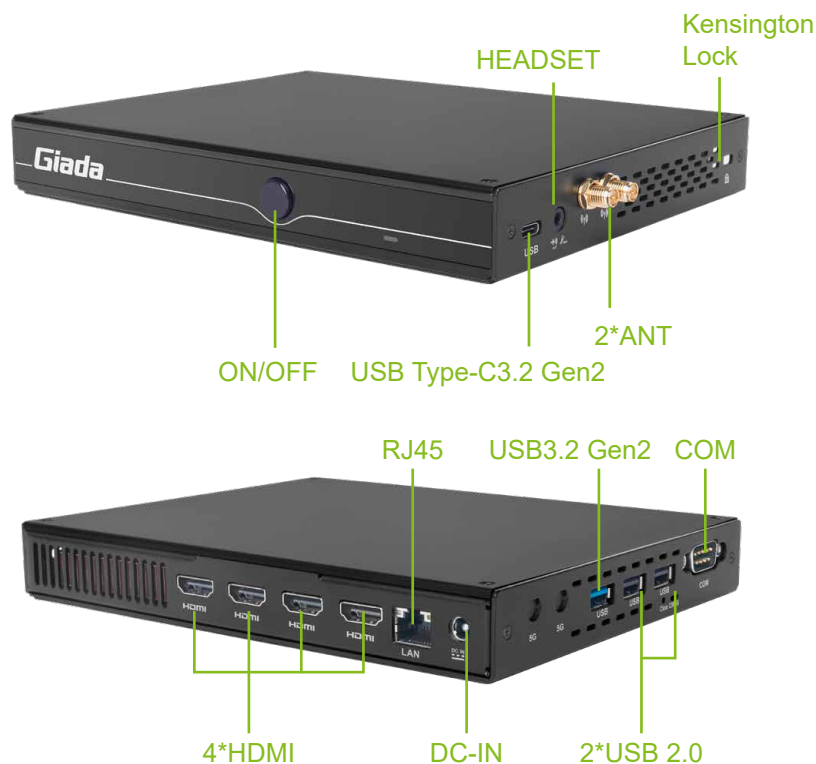
Display

GPU	Intel® Graphics
Graphic Engine	DirectX 12.1, OpenGL 4.6, OpenCL 3.0, 8K 60fps 12b 4:2:0 HEVC/NP9/SCC
Display Interface	4 x HDMI (Max.4096 x 2304 @60 Hz)
Optional Display Interface	2 x HDMI (Max.4096 x 2304 @60 Hz) 1 x DP1.4 (Max.7680 x 4320 @60 Hz)

I/O interface

USB	1 x USB Type-C3.2 Gen2, 1 x USB3.2 Gen2, 2 x USB2.0
Serial Port	1 x RS232
Audio	1 x 2-in-1 Headset (MIC-IN & AUDIO-OUT)
Button	1 x Power on, 1 x CLR-CMOS
Antenna	2 x Connector for Wi-Fi/BT 2 x Connector for 5G (Reserved)

Dimensions and Drawing



Order information

D614-U1-100U50N0G-GIA	CPU: Intel® Core™ 3 processor 100U Display: 4 x HDMI (Max.4096 x 2304 @60 Hz) Memory: Up to 96 GB, 2 x SO-DIMM DDR5-5200 MHz
D614-U1-120U50N0G-GIA	CPU: Intel® Core™ 5 processor 120U Display: 4 x HDMI (Max.4096 x 2304 @60 Hz) Memory: Up to 96 GB, 2 x SO-DIMM DDR5-5200 MHz
Packing List	2 x Wi-Fi Antenna, 1 x AC Power Cable, 1 x AC Power Adapter
Package	Carton, PLA

Optional items

VESA Mounting	VESA Mounting Kit (JZ183)
Wi-Fi/BT Module	Wi-Fi 5 (802.11ac): Intel® Wireless-AC 9560 Wi-Fi 6 (802.11ax): Intel® Wi-Fi 6 AX201 Wi-Fi 6E (802.11ax): Intel® Wi-Fi 6E AX210
Mobile Network Module	Quectel® RM500Q 5G, Quectel® EM05 4G
Operating System License	Windows 11 (64bit)



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