



# D614

## 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

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

### System

<b>System Memory</b>	Up to 96 GB, 2 x SO-DIMM DDR5-5200 MHz
<b>Storage</b>	1 x M-Key M.2 (2280) PCIe4.0 X4 for SSD
<b>TPM</b>	Optional: TPM2.0
<b>Watchdog Timer</b>	Yes
<b>Auto Power On</b>	Yes
<b>RTC</b>	Set up independently every day, a week as a cycle
<b>Power Requirement</b>	DC-IN, 19 V/4.74 A
<b>Dimensions</b>	189.6mm x 148.3mm x 26mm (7.46" x 5.83" x 1.02")
<b>Construction</b>	Metal, Black
<b>Operating System</b>	Windows 11 (64bit) /Linux Ubuntu (64bit)
<b>Operating Temperature</b>	0°C ~45°C (32°F~113°F) @0.7m/s Air Flow
<b>Humidity</b>	10 ~ 90% @ 45°C (non-condensing)
<b>Certifications</b>	CE, FCC Class B, UKCA

### Network

<b>Network Controller</b>	1 x Intel® Ethernet Controller I226-V
<b>Ethernet Interface</b>	1 x 2.5 GbE RJ45
<b>Wi-Fi/BT</b>	1 x E-Key M.2(2230) for Wi-Fi/BT Support Wi-Fi 5, Wi-Fi 6, Wi-Fi 6E (CNVi)
<b>Mobile Network</b>	1 x B-Key M.2 (3042/3052) for 3G/4G/5G, 1 x SIM Slot

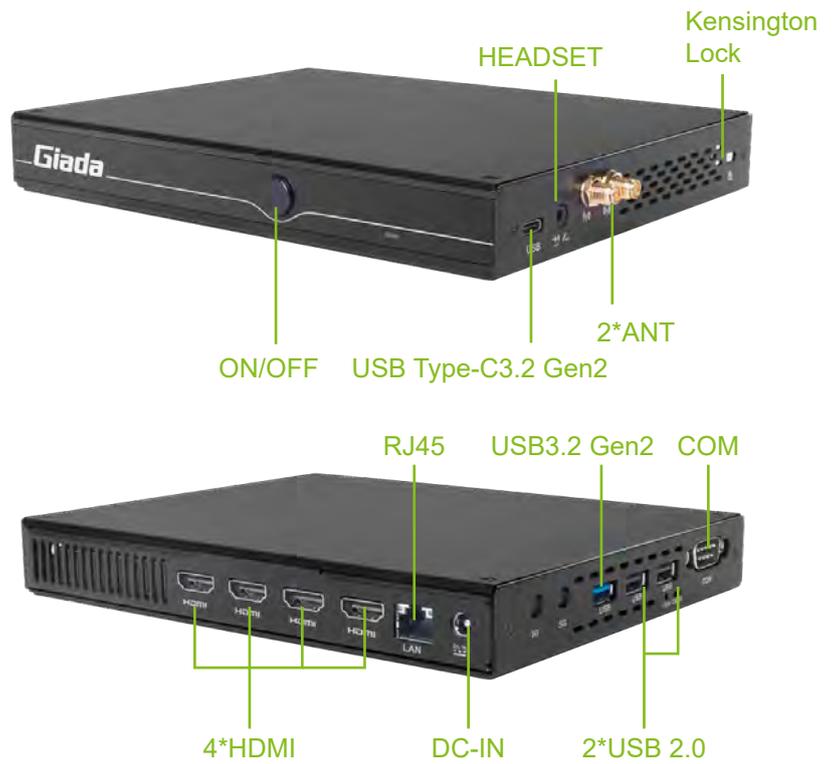
### Display

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

### I/O interface

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

## Dimensions and Drawing



## Optional items

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



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