



# DF613-U1

## RAPTOR LAKE FANLESS SIGNAGE PLAYER



Intel® Raptor Lake-P  
CORE i3/i5 processors



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



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



Fanless design

### CPU

<b>CPU</b>	Intel® Core™ i3-1315U processor Intel® Core™ i5-1335U processor
<b>Chipset</b>	SoC
<b>Total Cores</b>	6 Cores /10 Cores
<b>Total 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>	200 mm x 150 mm x 40 mm (7.87" x 5.90" x 1.57")
<b>Construction</b>	Metal, Grey
<b>Fanless</b>	Yes
<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>	95% @ 45°C (non-condensing)
<b>Certifications</b>	CE, FCC Class B, UKCA

### Network

<b>Network Controller</b>	1 x Intel Ethernet Controller I226-V 1 x Realtek RTL8111H Gigabit Ethernet
<b>Ethernet Interface</b>	1 x 2.5GbE RJ45, 1 x 1GbE RJ45
<b>Wi-Fi/BT</b>	1 x E-Key M.2 (2230) for Wi-Fi/BT Support Wi-Fi 5/6/6E (CNVi)
<b>Mobile Network</b>	1 x B-Key M.2 (3042) for 3G/4G, 1 x SIM Slot

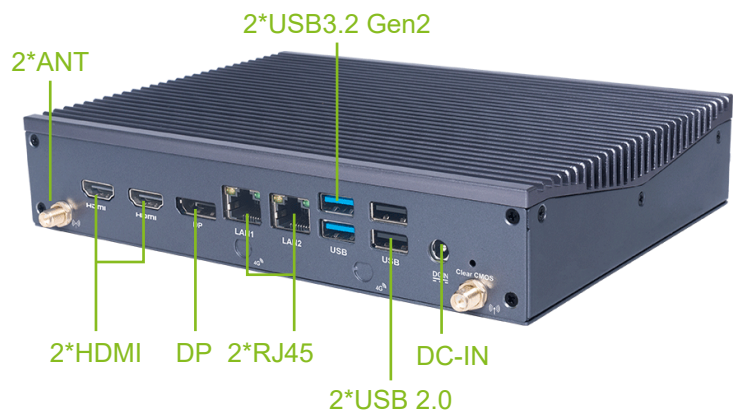
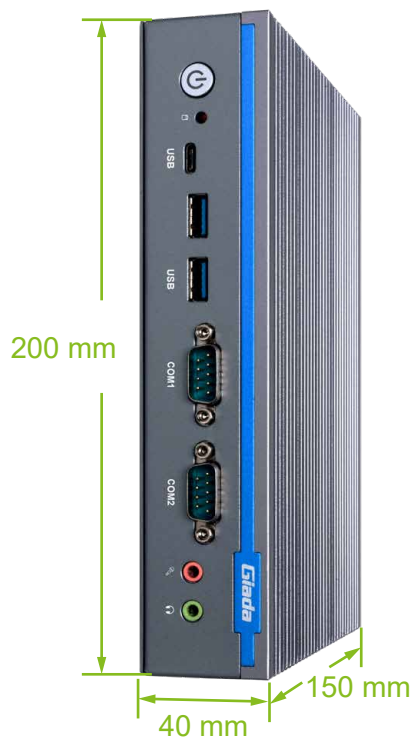
### Display

<b>GPU</b>	Intel® UHD Graphics (Core i3) Intel® Iris® X <sup>e</sup> Graphics (Core i5)
<b>Graphic Engine</b>	DirectX 12.1, OpenGL 4.6, OpenCL 3.0, 8K 60fps 12b 4:2:0 HEVC/VP9/SCC
<b>Display Interface</b>	1 x DP (Max.7680 x 4320 @60 Hz) 2 x HDMI (Max.4096 x 2304 @60 Hz)
<b># of Displays Supported</b>	3

### I/O interface

<b>USB</b>	1 x USB Type-C, 4 x USB3.2 Gen2 (10 Gbps), 2 x USB2.0
<b>Serial Port</b>	1 x RS232, 1 x RS232/422/485
<b>Audio</b>	1 x MIC-IN, 1 x 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 3G/4G (Reserved)

## Dimensions and Drawing



## Order information

<b>DF613-U1-1315U40N0G-GIA</b>	CPU: Intel Core i3-1315U Memory: Up to 96 GB, 2 x SO-DIMM DDR5-5200 MHz
<b>DF613-U1-1335U40N0G-GIA</b>	CPU: Intel Core i5-1335U Memory: Up to 96 GB, 2 x SO-DIMM DDR5-5200 MHz
<b>Packing List</b>	2 x Wi-Fi Antenna, 1 x AC Power Cable, 1 x AC Power Adapter
<b>Package</b>	Carton, EPE

## Optional items

<b>VESA Mounting</b>	Wall-mounting Kit (JC553)
<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® EM12 4G
<b>Operating System License</b>	Windows 11 (64bit)



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