



DF610

COMET LAKE FANLESS SIGNAGE PLAYER



Intel® Comet Lake
Core i3-10110U/i5-10210U processors



DP (4096 x 2160 @60 Hz)
HDMI (4096 x 2160 @60 Hz)



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



Fanless design

CPU

CPU	Intel® Core™ i3-10110U processor Intel® Core™ i5-10210U processor
Turbo Frequency	4.10 GHz/4.20 GHz
Chipset	Soc
Processing Units	2 Cores/4 Cores
TDP	15 W/15 W

System

System Memory	Up to 32 GB, 2 x SO-DIMM DDR4-2666 MHz
Storage	1 x M-key M.2 (2242/2280) for SSD 1 x Full-size Mini-PCIe for MSATA
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-IN, 19 V/3.42 A
Dimensions	240 mm x 158.2 mm x 22 mm (9.45" x 6.23" x 0.87")
Construction	Metal, Silver
Operating System	Windows 10 (64bit) /Windows 11 (64bit) Linux Ubuntu (64bit)
Operating Temperature	0°C ~40°C (32°F~104°F) @0.7m/s Air Flow
Humidity	95% @ 40°C (non-condensing)
Certifications	CE, FCC Class B

Network

Network Controller	2 x Realtek RTL 8111H Gigabit Ethernet
Ethernet Interface	2 x RJ45
Wi-Fi/BT	1 x E-Key M.2 (2230) for Wi-Fi/BT
Mobile Network	3G/4G Colay with 1 x Mini-PCIe for MSATA 1 x SIM Slot

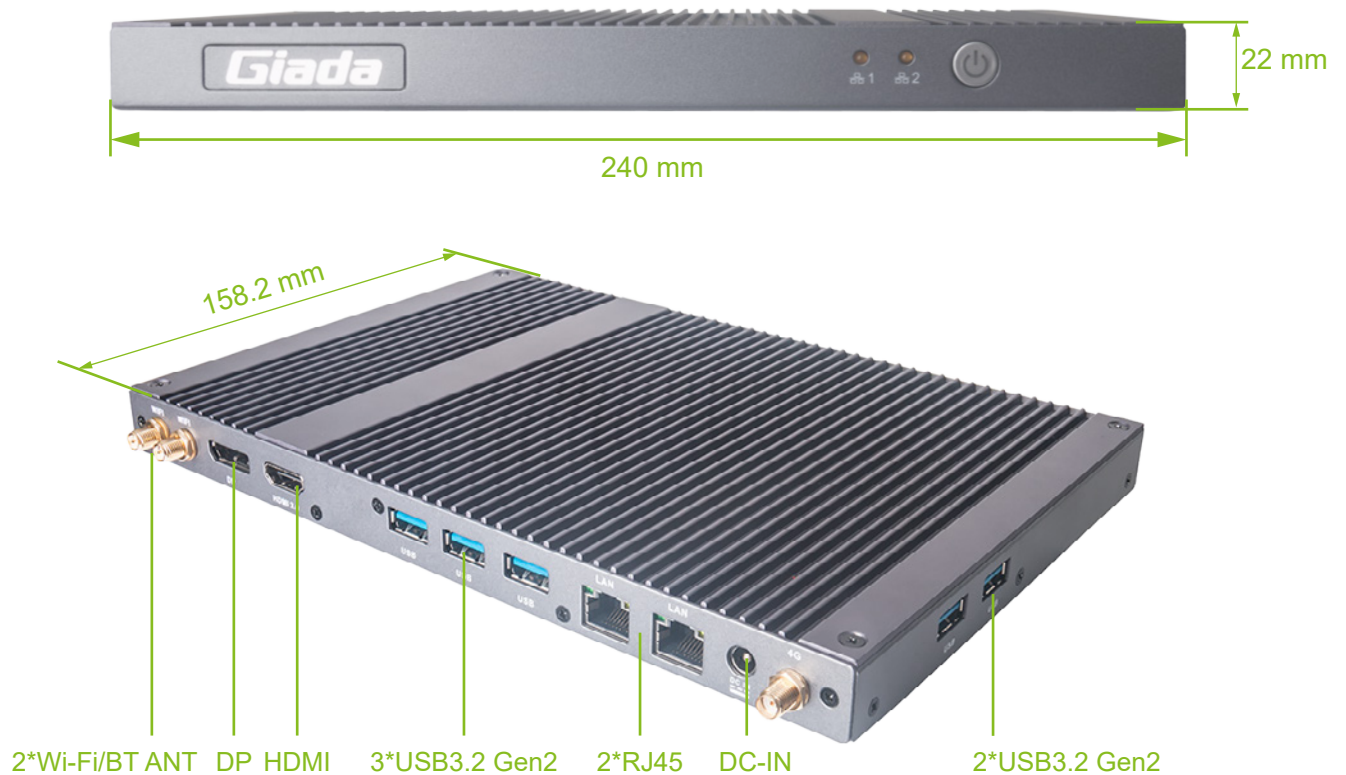
Display

GPU	Intel® UHD Graphics
Graphic Engine	DirectX 12.1, OpenGL 4.5
Display Interface	1 x DP (Max.4096 x 2160 @60 Hz) 1 x HDMI (Max.4096 x 2160 @60 Hz)

I/O interface

USB	5 x USB3.2 Gen2 (10 Gbps)
Serial Port	1 x RS232
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, 1 x Connector for 3G/4G (Reserved)

Dimensions and Drawing



Order information

DF610-N1-10110UG4H0G-GIA	CPU: Intel Core i3-10110U
DF610-N1-10210UG4H0G-GIA	CPU: Intel Core i5-10210U
Packing List	2 x Wi-Fi Antenna, 1 x AC Power Cable, 1 x AC Power Adapter
Package	Carton, EPE

Optional items

VESA Mounting	VESA Mounting Kit (JZ200)
Wi-Fi/BT Module	Intel® Dual Band Wireless-AC 3165, Intel® Dual Band Wireless-AC 9260
Operating System License	Windows 10 (64bit), Windows 11 (64bit)