

Whiskey Lake

4K

Dual LAN

22mm



RoHS CE FCC

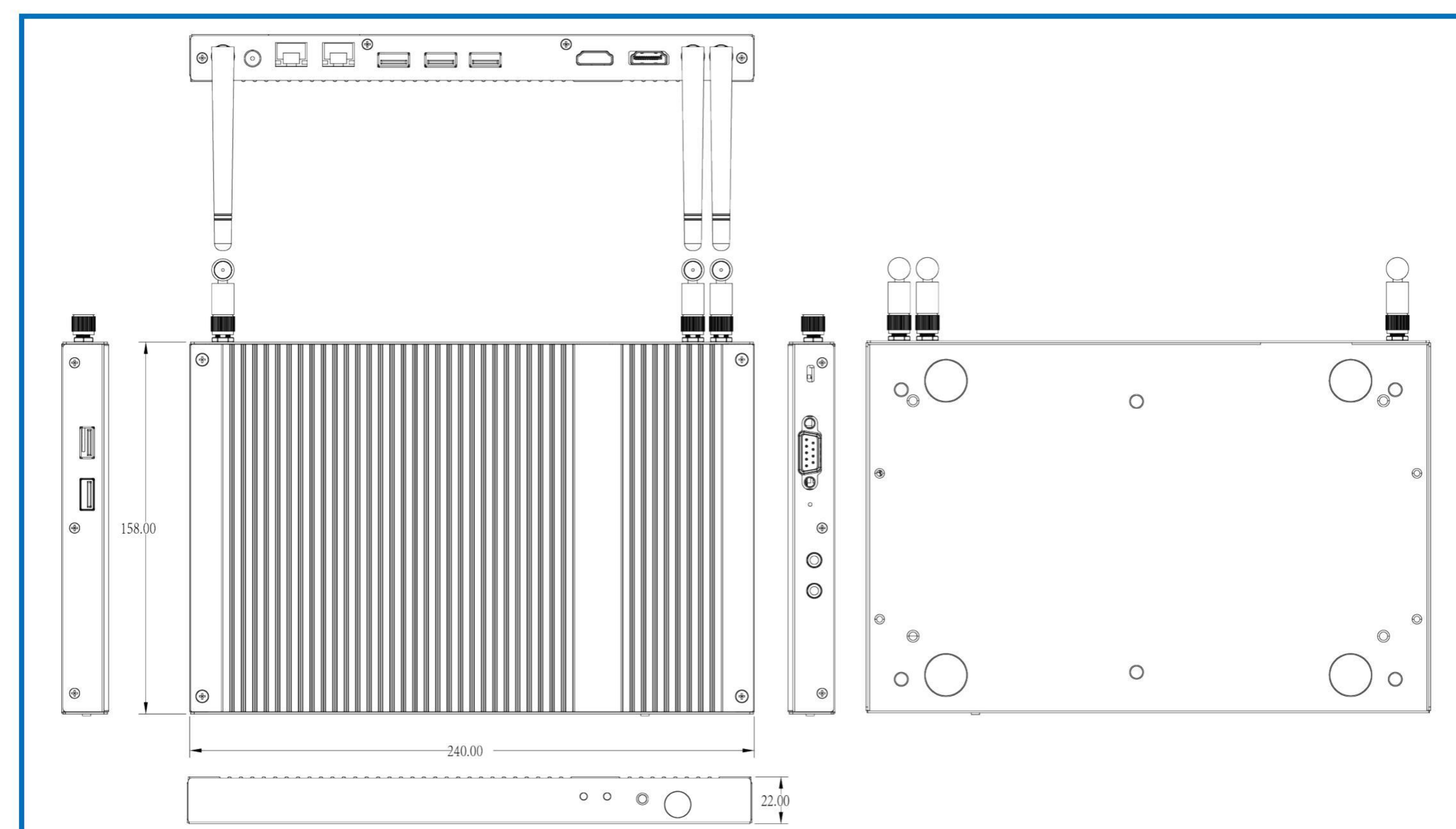
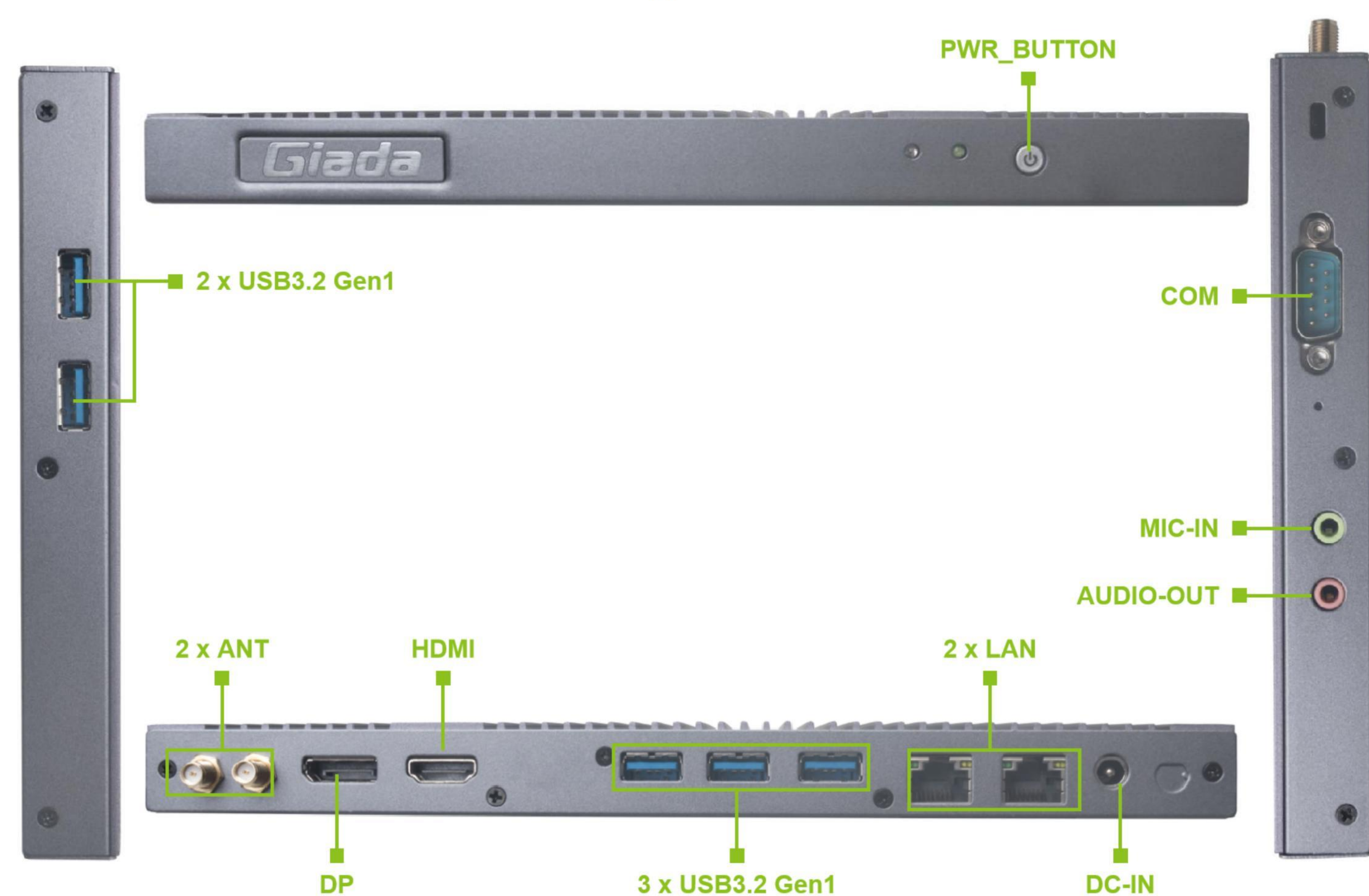
## Features

- Intel® Whiskey lake-U Processors
- 2 x SO-DIMM DDR4, Up to 32GB
- 1 x DP, 1 x HDMI
- 1 x Mini-PCle for MSATA or 3G/4G, 1 x M.2(2242/2280) for SSD,
- 5 x USB3.2 Gen1 (5Gbps), 1 x RS232
- 2 x RJ45, 1 x M.2 (2230) for WiFi, 1 x SIM Slot
- 22mm Ultra-thin design

## Specifications

Processors	CPU	Intel® Core™ i3-8145U / i5-8265U
	Frequency	1.60GHz (Up to 3.10GHz) /2.10GHz (Up to 3.90GHz)
	BIOS	AMI Source Code
	Chipset	SOC
Memory	Type	DDR4-2400MHz
	Socket	2 x SO-DIMM
	Size	Up to 32G
Graphics	GPU	Intel® UHD Graphics 620
	Graphic Engine	Direct3D 2015,OpenGL 4.5, OpenCL 2.1
	Interface	1 x HDMI (Max. 4096 x 2160 @60Hz) 1 x DP (Max. 4096 x 2160 @60Hz)
Network	Controller	Realtek RTL8111H Gigabit Ethernet
	Ethernet	2 x RJ45
I/O	USB	5 x USB 3.2 Gen1 (5Gbps)
	Serial Port	1 x RS232
	Audio	1 x MIC-IN, 1 x AUDIO-OUT
	Mini-PCle	1 x Mini-PCle for MSATA/3G/4G
	M.2 (2230)	1 x M.2(2230) E-Key for WiFi
	SIM	1 x SIM Slot
	TPM	Infineon TPM 2.0 (Optional)
Storage	M.2 (2242/2280)	1 x M.2(2242/2280) M-Key for SSD
	WatchDog Timer	0~255 Second Time Out Support
JAHC	Auto Power On	Automatic startup when powered on.
	RTC	Set Up Independently Every day, A Week as a Cycle
	Wake On LAN	Remote Real-time Wake-up
	Windows(Optional)	Windows 10 ( 64 bit )
Operation System	Linux	Ubuntu 18.04
	Dimensions	240mm x 158mm x 22mm ( 9.45" x 6.22" x 0.87")
Mechanical	Fanless	Yes
	Mounting (Optional)	Desk/Wall Mounting and VESA Mounting Kit(JZ300)
	Power Requirement	DC-IN 19V/3.42A
Environment	Operating Temperature	0°C ~ 45°C ( 32 °F ~ 113 °F ) at 0.7m/s Air Flow
	Relative Humidity	95% @ 40°C (non-condensing)
Certification	Certification	CE, FCC

## Dimensions and Drawing



## Ordering Information

Giada DF68-U2-8145U40M0G-GIA	CPU: Intel® Core i3-8145U
Giada DF68-U2-8265U40M0G-GIA	CPU: Intel® Core i5-8265U
Packing List	2 x WiFi Antenna, 1 x Drive Disk, 1 x User Manual 1 x AC Power Cable, 1 x AC Power Adapter
Optional Item	VESA Mounting Kit(JZ300)