



D611-H TIGER LAKE MEDICAL COMPUTER



Intel® Tiger Lake UP3
Core™ processors



1 x DP (7680 x 4320 @60 Hz)
2 x HDMI (4096 x 2304 @60 Hz)



Medical
certification compliance



Trusted Platform Module
Reliable Hardware
Based Security Protection

CPU

CPU	Intel® Core™ i5-11300H processor Intel® Core™ i7-11390H processor
Base Frequency	3.10 GHz /3.40 GHz
Turbo Frequency	4.40 GHz /5.00 GHz
Chipset	SoC
Processing Units	4 Cores /4 Cores
Configurable TDP-up	35 W/ 35 W

System

System Memory	Up to 32 GB, SO-DIMM DDR4-3200 MHz
Storage	1 x M-Key M.2 (2242/2280) for PCIe SSD
TPM	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	189.6 mm x 148.3 mm x 26 mm (7.46" x 5.83" x 1.02")
Construction	Metal, White
Antibacterial	According to demand
Operating System	Windows 10 (64bit) /Windows 11 (64bit) / Linux Ubuntu (64bit)
Operating Temperature	0°C ~45°C (32°F~113°F) @0.7m/s Air Flow
Humidity	95% @ 45°C (non-condensing)
Certifications	IEC/EN60601-1 CE/FCC

Network

Network Controller	1 x Realtek RTL 8111H Gigabit Ethernet
Ethernet Interface	1 x RJ45
Wi-Fi/BT	1 x E-Key (2230) for Wi-Fi/BT Support Wi-Fi 5, Wi-Fi 6 (CNVi)
Mobile Network	1 x B-Key M.2 (3042/3052) for 3G/4G/5G, 1 x SIM Slot

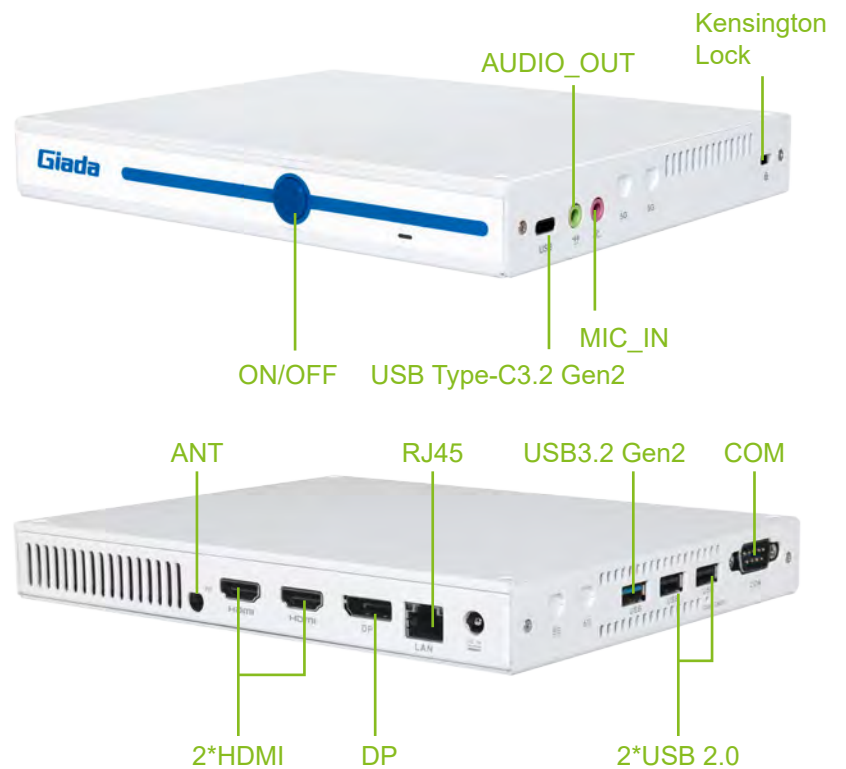
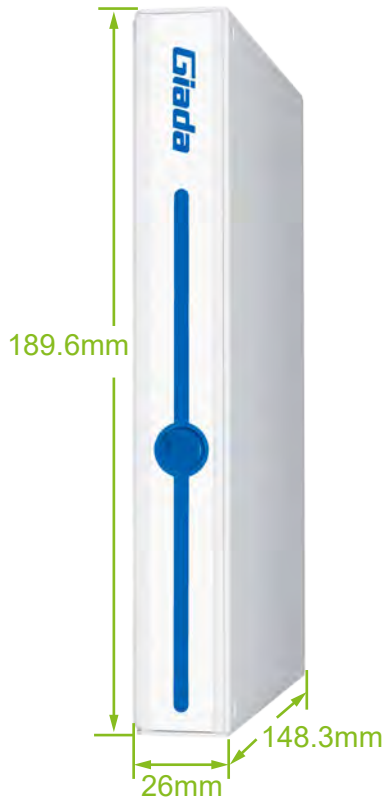
Display

GPU	Intel® IRIS® X® Graphics
Graphic Engine	DirectX 12.0, OpenGL 4.5, OpenCL 2.2, 8K 60fps 12b 4:2:0 HEVC/MP9/SCC
Display Interface	1 x DP (Max.7680 x 4320 @60 Hz) 2 x HDMI (Max.4096 x 2304 @60 Hz)

I/O interface

USB	1 x USB Type-C3.2 Gen2 (10 Gbps), 1 x USB3.2 Gen2 (10 Gbps), 2 x USB2.0
Serial Port	1 x RS232
Audio	1 x MIC-IN, 1 x AUDIO-OUT
Button	1 x Power on, 1 x CLR-CMOS
Antenna	1 x Connector for Wi-Fi/BT 4 x Connector for 5G (Reserved)

Dimensions and Drawing



Optional items

VESA Mounting	VESA Mounting Kit (JZ183)
Wi-Fi/BT Module	Intel® Dual Band Wireless-AC 3165, Intel® Dual Band Wireless-AC 9260, Intel® Wi-Fi 6 AX200, Intel® Wi-Fi 6E AX210 (Gig+)
Mobile Network Module	Quectel® RM500Q 5G, Quectel® EM12 4G
Operating System License	Windows 11 (64bit)