



H611

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 |

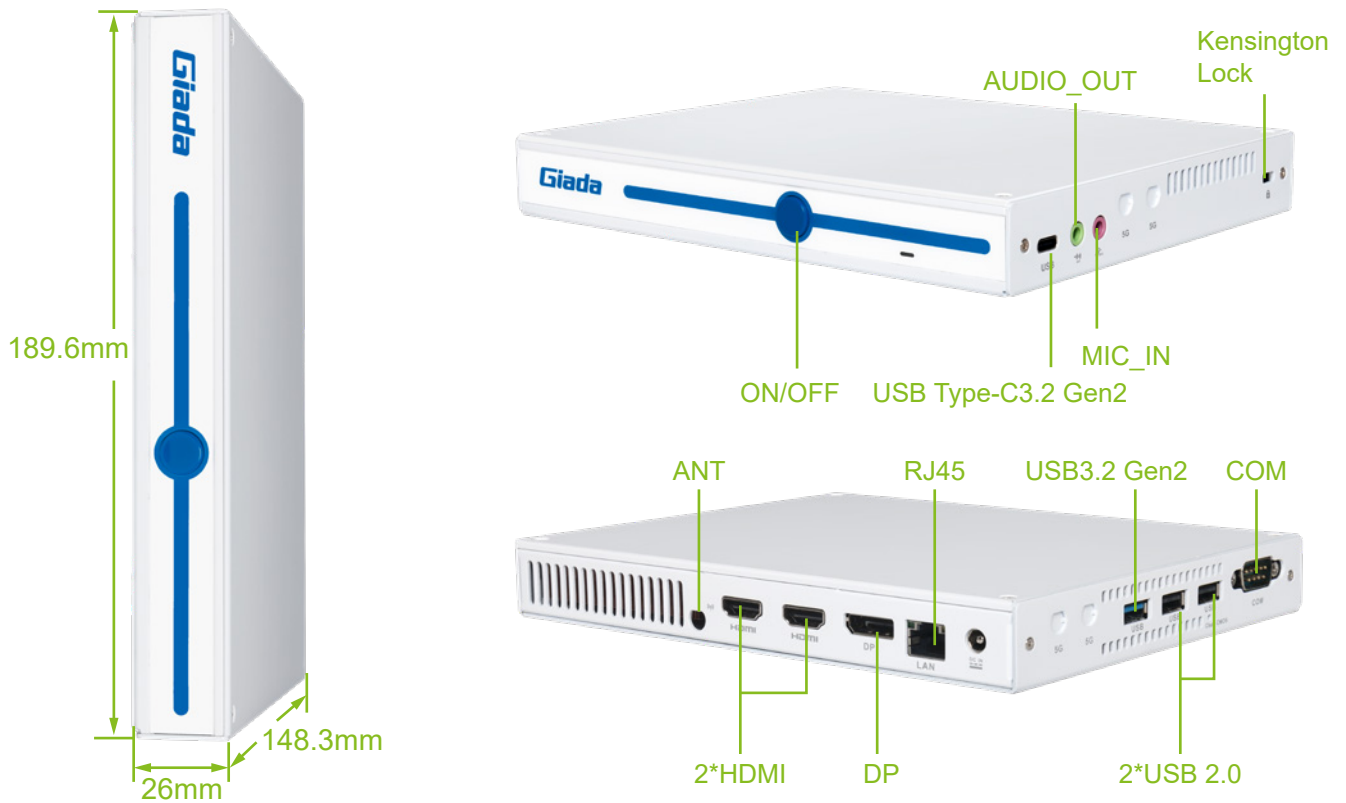
Display

| | |
|--------------------------|--|
| 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



Order information

| | |
|----------------------|---|
| D611-H-11300H | CPU: Intel Core i5-11300H RAM: 2*4 GB, SO-DIMM DDR4-3200 MHz memory ROM: 1*256 GB, NVMe PCIe4.0 SSD |
| D611-H-11390H | CPU: Intel Core i7-11390H RAM: 2*8 GB, SO-DIMM DDR4-3200 MHz memory ROM: 1*256 GB, NVMe PCIe4.0 SSD |
| Packing List | 1 x Wi-Fi Antenna, 1 x AC Power Cable, 1 x AC Power Adapter |
| Package | Carton |

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) |

