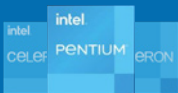




VM27

ELKHART LAKE FANLESS SIGNAGE PLAYER



Intel® Elkhart Lake
Celeron®/Pentium® processors



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



Long product life cycle



Fanless design

CPU

| | |
|-------------------------|--|
| CPU | Intel® Celeron® N6210 processor Intel® Pentium® N6415 processor |
| Frequency | 2.60 GHz/3.00 GHz |
| Chipset | Soc |
| Processing Units | 2 Cores/4 Cores |
| TDP | 6.5 W/6.5 W |

Network

| | |
|---------------------------|---|
| Network Controller | 1 x Realtek RTL 8111H Gigabit Ethernet |
| Ethernet Interface | 1 x RJ45 |
| Wi-Fi/BT | 1 x E-Key M.2 (2230) for Wi-Fi/BT Support Wi-Fi 5, Wi-Fi 6 |
| Mobile Network | NA |

System

| | |
|------------------------------|---|
| System Memory | 4 GB, Onboard LPDDR4-2666 MHz (Optional: 8 GB) |
| Storage | 64 GB, Onboard eMMC5.1 (Optional: 32 GB) 1 x Full-size Mini-PCIe for MSATA |
| TPM | FTPM |
| Watchdog Timer | Yes |
| Auto Power On | Yes |
| RTC | Set up independently every day, a week as a cycle |
| Remo on | Yes |
| Power Requirement | DC-IN, 19 V/2.37 A |
| Dimensions | 154mm x 125.5 mm x 40mm (6.06" x 4.94" x 1.57") |
| Construction | Metal, Black |
| Operating System | Windows 10 (64bit) /Windows 11 (64bit) Linux Ubuntu (64bit) /ChromeOS Flex |
| Operating Temperature | 0°C ~45°C (32°F~113°F) @0.7m/s Air Flow |
| Humidity | 95% @ 45°C (non-condensing) |
| Certifications | CE, FCC Class B |

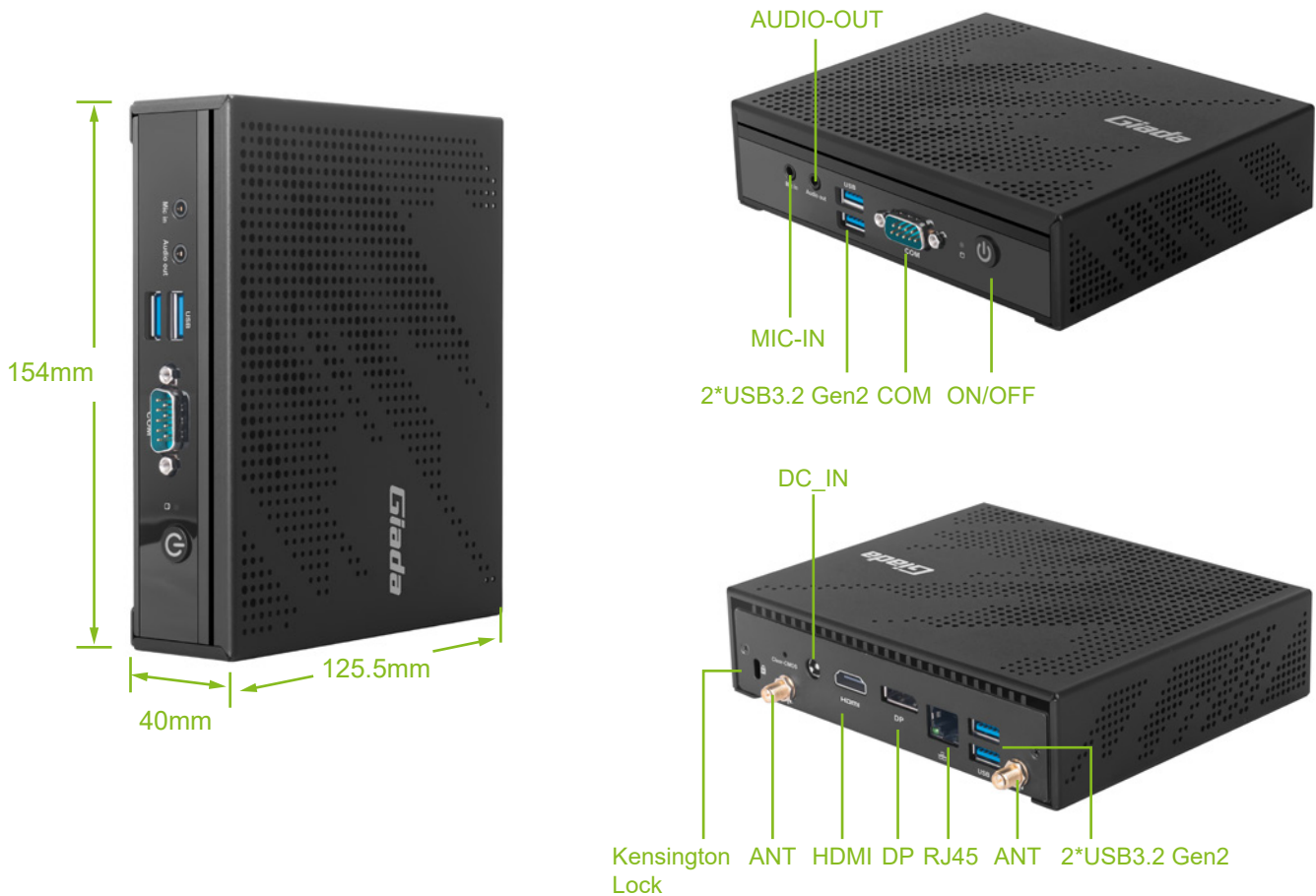
Display

| | |
|--------------------------|--|
| GPU | Intel® UHD Graphics |
| Graphic Engine | DirectX 12.1, OpenGL 3.0, OpenCL 1.1, Intel® Quick Sync Video |
| Display Interface | 1 x DP (Max.4096 x 2160 @60 Hz) 1 x HDMI (Max.4096 x 2160 @60 Hz) |

I/O interface

| | |
|--------------------|----------------------------|
| USB | 4 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 |

Dimensions and Drawing



Order information

| | |
|----------------------------|--|
| VM27-N621042E6G-GIA | CPU: Intel® Celeron® N6210, RAM: 4 GB, Onboard LPDDR4-2666 MHz Storage: 64 GB, eMMC5.1 |
| VM27-N641542E6G-GIA | CPU: Intel® Pentium® N6415, RAM: 4 GB, Onboard LPDDR4-2666 MHz Storage: 64 GB, eMMC5.1 |
| 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 (JC501) |
| 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+) |
| Operating System License | Windows 10 (64bit), Windows 11 (64bit), ChromeOS Flex 114 |

