



Middle range Embedded Computer



DM6

AMD V1000 BOOK-SIZE SIGNAGE PLAYER



AMD® V1000 platform
V1202B/V1605B processors



4 x HDMI (4096 x 2160 @60 Hz)



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



AMD Radeon™ Vega Graphics

CPU

| | |
|-------------------------|--------------------------------------|
| CPU | AMD® Ryzen™ V1202B/V1605B processors |
| Frequency | 3.20 GHz/3.60 GHz |
| Chipset | SoC |
| Processing Units | 2 Cores/4 Cores |
| TDP | 25 W/25 W |

Network

| | |
|---------------------------|---|
| Network Controller | 1 x Realtek RTL 8111H Gigabit Ethernet |
| Ethernet Interface | 1 x RJ45 |
| Wi-Fi/BT | 1 x Full-size Mini-PCIe for Wi-Fi/BT |
| Mobile Network | 3G/4G colay with 1 x Mini-PCIe for Wi-Fi/BT 1 x SIM Slot |

System

| | |
|------------------------------|--|
| System Memory | Up to 32 GB, 2 x SO-DIMM DDR4-2400 Mhz |
| Storage | 1 x Full-size Mini-PCIe for MSATA 1 x 2.5" SATA |
| 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 | 189.6mm x 148.3mm x 26mm (7.46" x 5.83" x 1.02") |
| Construction | Metal, Black |
| Operating System | Windows 10 (64bit) /Linux Ubuntu (64bit) /ChromeOS |
| 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 |

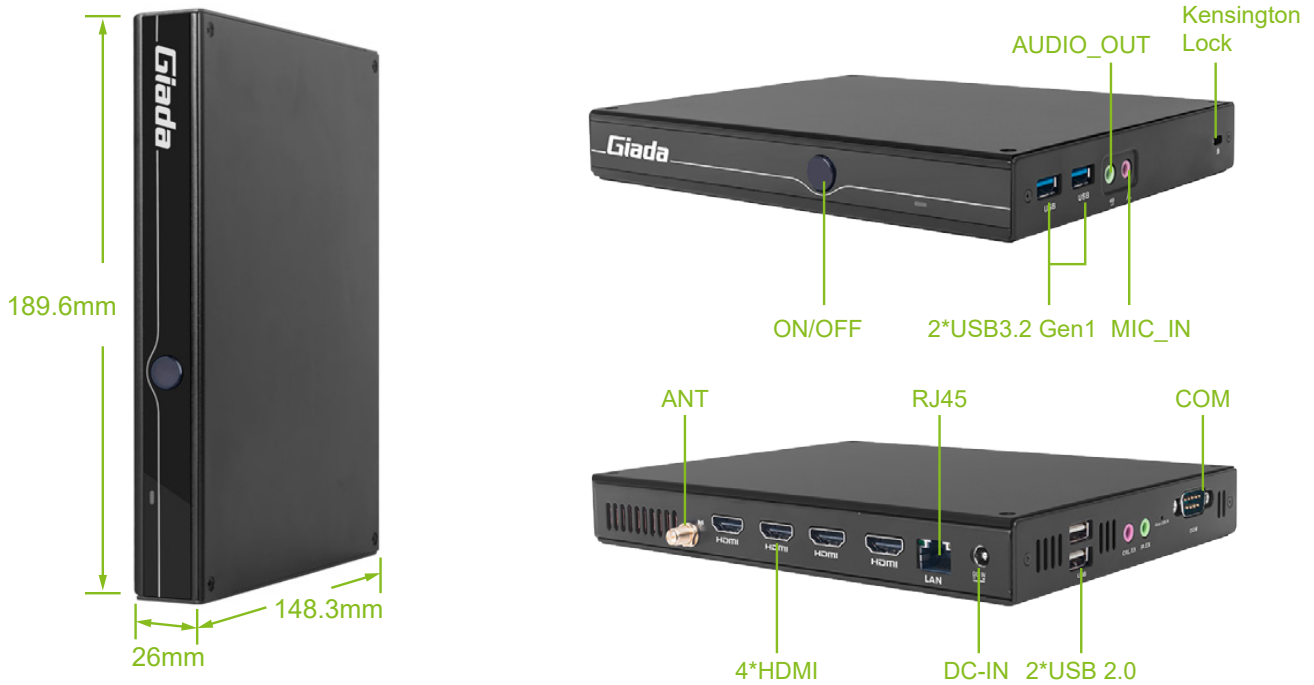
Display

| | |
|--------------------------|---------------------------------------|
| GPU | AMD® Radeon™ Vega 3/Vega 8 Graphics |
| Graphic Engine | Direct3D 2015, OpenGL 4.5, OpenCL 2.1 |
| Display Interface | 4 x HDMI (Max.3840 x 2160 @60 Hz) |

I/O interface

| | |
|--------------------|-----------------------------|
| USB | 2 x USB3.2 Gen1, 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 |

Dimensions and Drawing



Order information

| | |
|----------------------------|--|
| DM6-V1202B40M0G-GIA | CPU: AMD® Ryzen™ V1202B |
| DM6-V1605B40M0G-GIA | CPU: AMD® Ryzen™ V1605B |
| Packing List | 1 x Wi-Fi Antenna, 1 x AC Power Cable, 1 x AC Power Adapter |
| Package | Carton, EPE |

Optional items

| | |
|---------------------------------|---------------------------------------|
| VESA Mounting | VESA Mounting kit (JZ183) |
| Wi-Fi/BT Module | Azurewave® AW-NE238H |
| Mobile Network Module | Quectel® EC25 4G |
| Operating System License | Windows 10 (64bit) /ChromeOS Flex 114 |



Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660