



## Middle Range Embedded Computer



# DM6-R

## AMD R2000 BOOK-SIZE SIGNAGE PLAYER



AMD® Ryzen R2314 Processor



4 x HDMI (3840 x 2160 @60 Hz)



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



AMD Radeon™ Vega Graphics

### CPU

<b>CPU</b>	AMD® Ryzen™ Embedded R2314
<b>Frequency</b>	3.50 GHz
<b>Chipset</b>	SoC
<b>Processing Units</b>	4 Cores
<b>TDP</b>	25 W

### Network

<b>Network Controller</b>	1 x Realtek RTL 8111H Gigabit Ethernet
<b>Ethernet Interface</b>	1 x 1GbE RJ45
<b>Wi-Fi/BT</b>	1 x E-key M.2(2230) for Wi-Fi/BT
<b>Mobile Network</b>	1 x B-key M.2(3042) for 3G/4G 1 x SIM Slot

### System

<b>System Memory</b>	Up to 32 GB, 2 x SO-DIMM DDR4-2666 MHz
<b>Storage</b>	1 x M-key M.2 (2280) PCIe3.0 X4 for SSD
<b>TPM</b>	Optional: TPM2.0
<b>Watchdog Timer</b>	Yes
<b>Auto Power On</b>	Yes
<b>RTC</b>	Set up independently every day, a week as a cycle
<b>Power Requirement</b>	DC-IN, 19 V/3.42 A
<b>Dimensions</b>	189.6mm x 148.3mm x 26mm (7.46" x 5.83" x 1.02")
<b>Construction</b>	Metal, Black
<b>Operating System</b>	Windows 10 (64-bit) /Windows 11( 64-bit) Linux Ubuntu (64bit)
<b>Operating Temperature</b>	0°C ~45°C (32°F~104°F) @0.7m/s Air Flow
<b>Humidity</b>	95% @ 45°C (non-condensing)
<b>Certifications</b>	CE, FCC Class B, UKCA

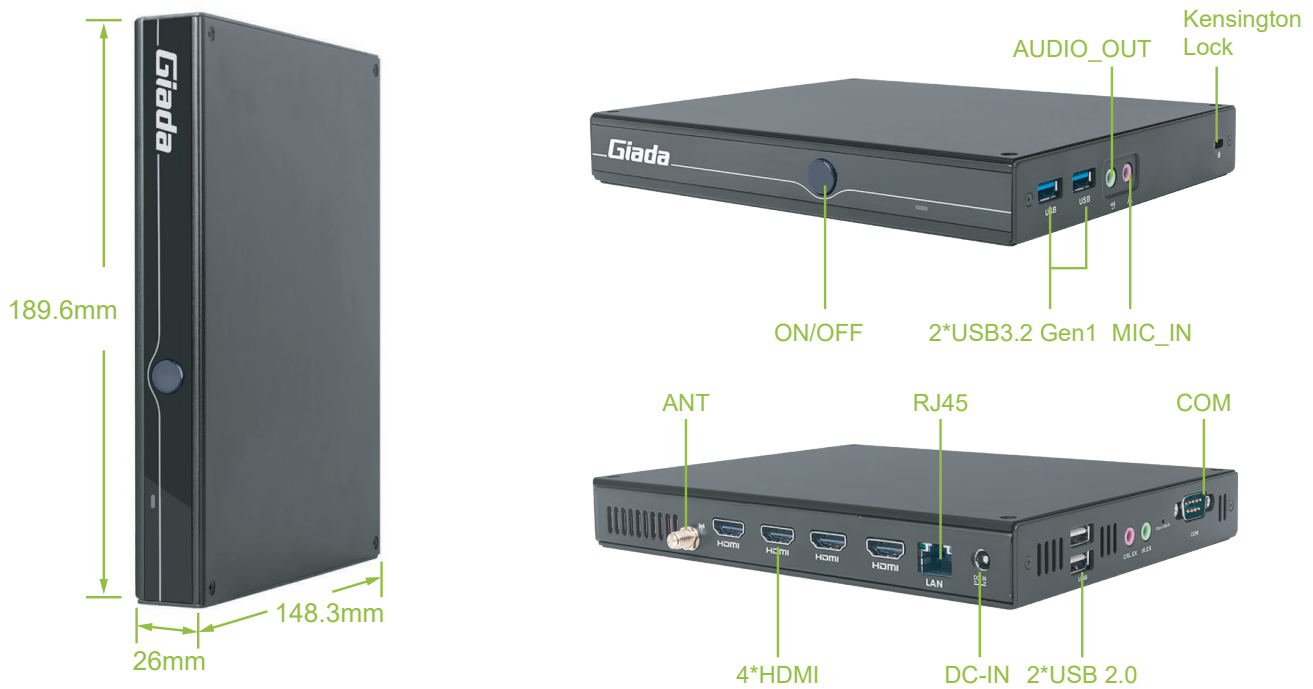
### Display

<b>GPU</b>	AMD® Radeon™ RX Vega 6 Graphics
<b>Multi-media Supports</b>	H.265 / VP9 video decode, up to 4K@60fps H.264 8-bit decode and encode
<b>Display Interface</b>	4 x HDMI (Max.3840 x 2160 @60 Hz)

### I/O interface

<b>USB</b>	2 x USB3.2 Gen1, 2 x USB2.0
<b>Serial Port</b>	1 x RS232
<b>Audio</b>	1 x MIC-IN, 1 x AUDIO-OUT
<b>Button</b>	1 x Power on, 1 x CLR-CMOS
<b>Antenna</b>	1 x Connector for Wi-Fi/BT

## Dimensions and Drawing



## Order information

DM6-R231440M0G-GIA	CPU: AMD® Ryzen™ Embedded R2314
Packing List	1 x Wi-Fi Antenna, 1 x AC Power Cable, 1 x AC Power Adapter
Package	Carton, PLA

## Optional items

VESA Mounting	VESA Mounting kit (JZ183)
Wi-Fi/BT Module	-
Mobile Network Module	-
Operating System License	Windows 11 (64bit), Windows 10 (64bit)

## 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](mailto: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](mailto: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