



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

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

System

System Memory	Up to 32 GB, 2 x SO-DIMM DDR4-2666 MHz
Storage	1 x M-key M.2 (2280) PCIe3.0 X4 for SSD
TPM	Optional: TPM2.0
Watchdog Timer	Yes
Auto Power On	Yes
RTC	Set up independently every day, a week as a cycle
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 (64-bit) / Windows 11 (64-bit) Linux Ubuntu (64bit)
Operating Temperature	0°C ~45°C (32°F~104°F) @0.7m/s Air Flow
Humidity	95% @ 45°C (non-condensing)
Certifications	CE, FCC Class B, UKCA

Network

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

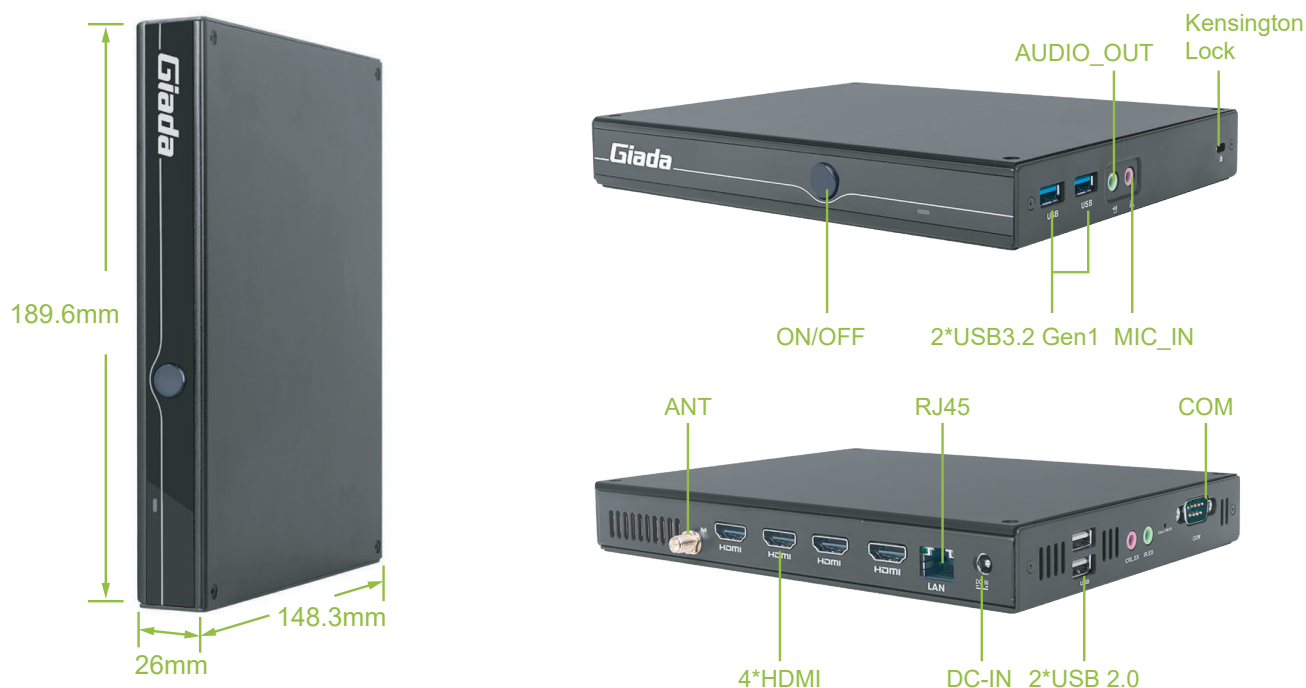
Display

GPU	AMD® Radeon™ RX Vega 6 Graphics
Multi-media Supports	H.265 / VP9 video decode, up to 4K@60fps H.264 8-bit decode and encode
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-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)



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