CDS
Crystal Display Systems Ltd

Main Stream Embedded Computer

DM6-R

AMDR2000BOOK-SIZE SIGNAGE PLAYER

AMD® Ryzen R2314 Processor

4 x HDMI
Up to 3840 x 2160 @60 Hz

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

AMD Radeon™ Vega Graphics

CPU

CPU	AMD® Ryzen™ R2314 processor
Chipset	SoC
Total Cores	4 Cores
Total Threads	4
TDP	25 W

System

System Memory	Up to 32 GB, 2 x SO-DIMM DDR4-2400 MHz 1 x M-
Storage	key M.2 (2280) PCIe3.0 X4 for SSD Optional:
TPM	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 (64bit) /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

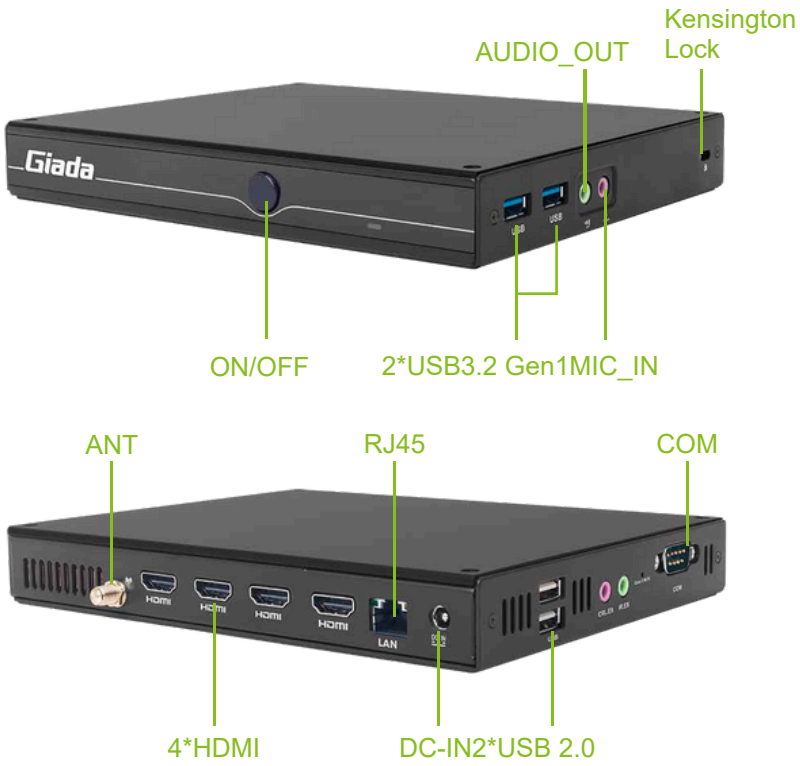
Display

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™ R2314 processor
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	**Wi-Fi 5 (802.11ac):** Intel® Wireless-AC 9560
Mobile Network Module	Quectel® EM12 4G
Operating System License	Windows 10 (64bit)

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Want More Information? Contact Us Now

Need any additional information?

If you need any assistance with pricing information, technical support or require any additional information our team would be more than happy to assist

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Note: Monitor images are for marketing purposes only and you should refer to the mechanical diagrams for accurate dimensions and designs