



High Performance Embedded Computer



DM8

AMD 3000 SERIES BOOK-SIZE SIGNAGE PLAYER



AMD® 3000 series
Ryzen™5 3500U 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® Ryzen5 3500U processor
Frequency	3.70 GHz
Chipset	SoC
Processing Units	4 Cores
TDP	15 W

System

System Memory	Up to 32 GB, 2 x SO-DIMM DDR4-2400 MHz
Storage	1 x Full-size Mini-PCle 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)
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

Network

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

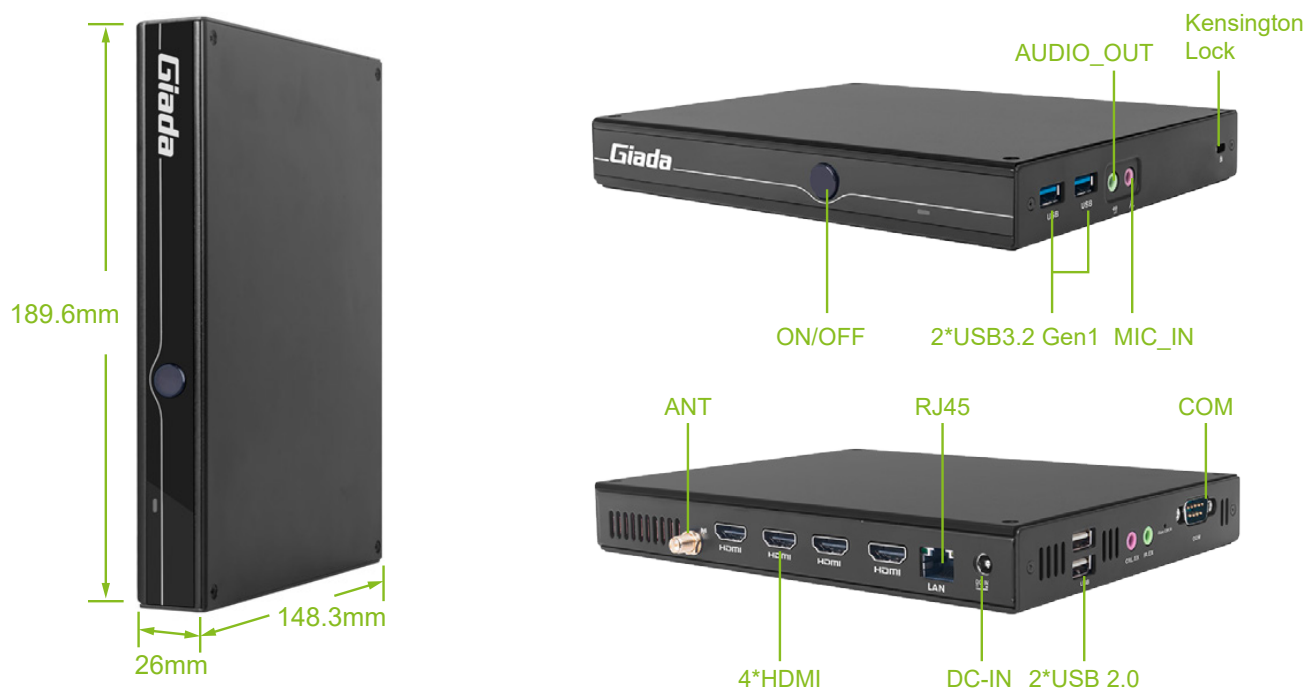
Display

GPU	AMD® Radeon™ 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

DM8-3500U40M0G-GIA	CPU: AMD® Ryzen5 3500U
Packing List	1 x Wi-Fi Antenna, 1 x AC Power Cable, 1 x AC Power Adapter
Package	Carton, EPE

Optional

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)

Assured Systems

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