

DN24

DUAL-HDMI ARM MULTI MIDEA PLAYER

Powered by Raspberry Pi

Raspberry Pi CM4 Lite

HDMI

2 x HDMI
Up to 3840 x 2160 @60 Hz

Onboard Wi-Fi/BT module

Fanless design

Compute Module

Compute Module	Raspberry Pi CM4 Lite module
Processing units	4 Cores Cortex-A72
Memory on Module	2 GB, Onboard LPDDR4-3200 MHz

Network

Network Controller	BROADCOM BCM54210 Gigabit Ethernet
Ethernet Interface	1 x RJ45
Wi-Fi/BT	Onboard Wi-Fi/BT module (2.4 GHz/5 GHz)
Mobile Network	NA

System

Storage	32 GB, Onboard eMMC (Optional: 64 GB)
Watchdog Timer	Yes
Auto Power On	Yes
RTC	Set up independently every day, a week as a cycle
Power Requirement	DC-IN, 12 V/2.08 A
Dimensions	116 mm x 106 mm x 30 mm (4.57" x 4.17" x 1.18")
Construction	Metal
Operating System	Raspberry Pi OS
Operating Temperature	0°C ~45°C (32°F~114°F) @0.7m/s Air Flow
Humidity	95% @ 45°C (non-condensing)
Certifications	CE, FCC Class B, UKCA

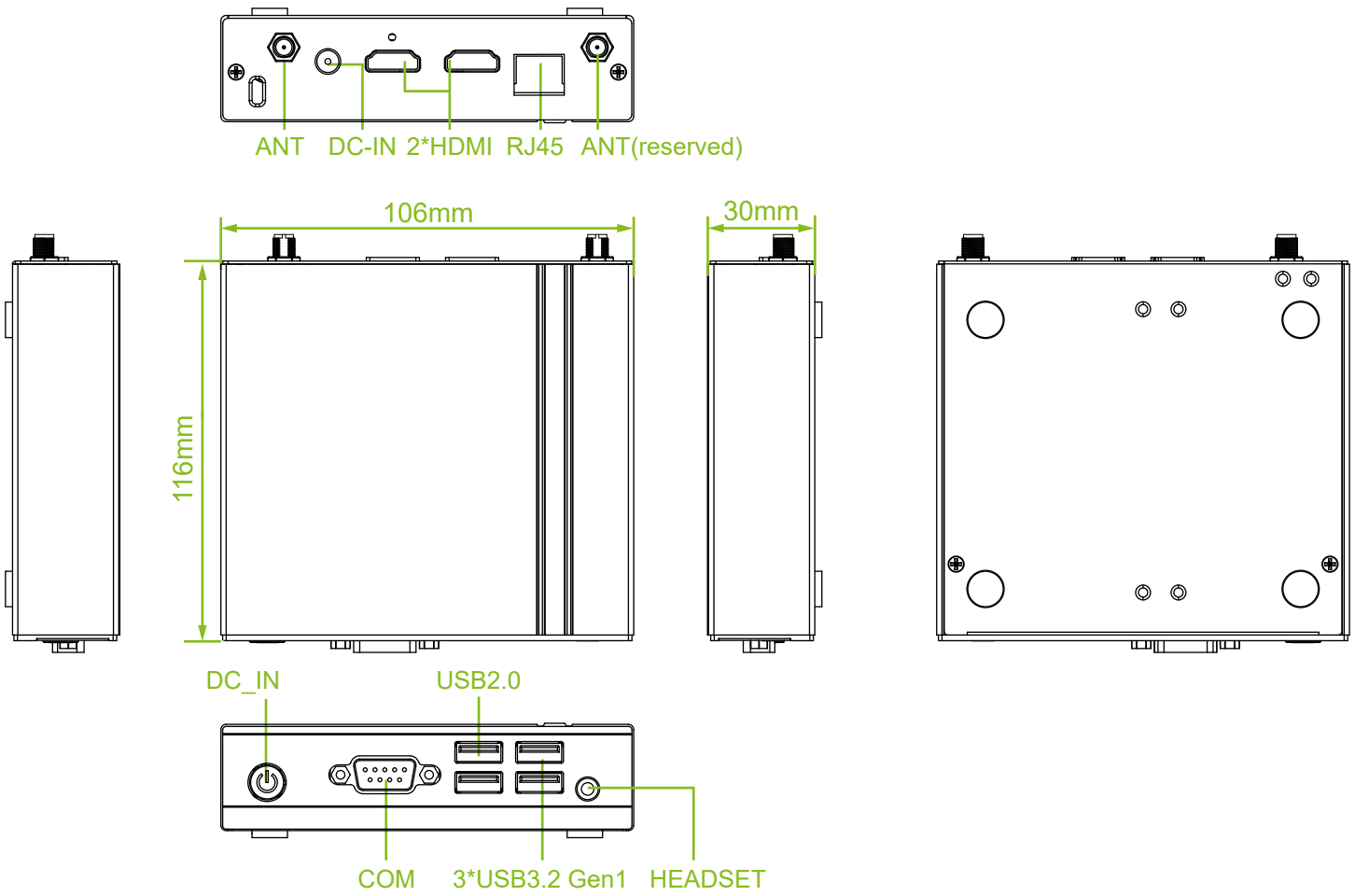
Display

GPU	Video Core VI
Graphic Engine	OpenGL ES3.0, Vulkan 1.0
Multi-Media	4K60 H.265 video decoders 1080p60 h.264 decoders 1080p30 H.264 video encoders
Display Interface	2 x HDMI2.0 (Max. 3840 x 2160 @60 Hz)

I/O interface

USB	3 x USB3.2 Gen1, 1 x USB2.0
Serial Port	1 x RS232
Audio	1 x 2-IN-1 headset (MIC-IN & AUDIO-OUT)
Button	1 x Power on, 1 x U-Boot
Antenna	1 x Connector for Wi-Fi/BT, 1 x Reserved

Dimensions and Drawing



Order information

DN24-CM4R42E5G-GIA	Computer Module: Raspberry Pi CM4 Lite module RAM: 2 GB, Onboard LPDDR4-3200 MHz Storage: 32 GB, Onboard eMMC Wi-Fi/BT: Onboard Wi-Fi/BT module (2.4GHz/5GHz) Operating System: Raspberry Pi OS
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 (JC502)

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