

DN24-CM4

Giada DN24 Raspberry Pi Compact Signage Player - CM4 Lite

Product Overview

Giada DN24 Raspberry Pi CM4 Lite 32GB 2GB



Specifications

Overview:

Elevate your digital signage deployments with the Giada DN24 Raspberry Pi, a compact and energy-efficient media player tailored for cost-effective signage solutions. Powered by the Raspberry Pi® CM4 module, this robust device is engineered for seamless 24/7 operation, making it ideal for retail displays, corporate communications, transportation hubs, and educational environments.

The Giada DN24 Raspberry Pi combines an ultra-slim form factor with a silent, fanless design, delivering high performance without compromising reliability. It supports 4K video output via HDMI and can power an additional Full HD display via GPIO DSI, making it a versatile solution for dual-display signage requirements. Integrated with Giada's patented JAHC technology, it ensures automatic power-on and scheduling, enhancing system stability in unattended environments.

Designed for deployment flexibility, the Giada DN24 Raspberry Pi supports VESA mounting and offers extensive connectivity, including dual USB ports, RJ45 LAN, and expansion options through GPIO, UART, and I2C. Whether used in smart kiosks or menu boards, this unit empowers businesses to deliver engaging content with minimal maintenance.

Built for integration, scalability, and long-term reliability, the Giada DN24 Raspberry Pi is the go-to signage player for solution providers seeking an affordable and high-performing media platform.

Features:

- Powered by Raspberry Pi CM5
- Dual-display support outputs @ 4K via HDMI and Full HD via GPIO DSI, ideal for multi-screen digital signage
- Ultra-compact, slim, fanless design and silent operation for space-constrained and noise-sensitive environments
- JAHC hardware watchdog ensures automatic power-on, power failure recovery, and scheduled power management
- Flexible connectivity options include USB 3.2 Gen 1, USB 2.0, HDMI 2.0a, RJ45 LAN, GPIO, UART, and I2C
- VESA mount supports integration into kiosks, POS systems, and digital signage enclosures
- Built for 24/7 operation, industrial-grade reliability for continuous use across high-demand environments

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Product Specification Sheet

- Energy-efficient, low-power consumption design tailored for scalable, cost-effective deployments

Specifications:

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Specifications	
Product Code	DN24-CM4
Compute Module	
Compute Module	Raspberry Pi CM4 Lite
Frequency	1.50 GHz
Processing units	4 Cores Cortex-A72
Memory on Module	2 GB, Onboard LPDDR4-3200 MHz
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-INN, 12 V/2.08 A
Dimensions	11.6 x 10.6 x 3 cm
Construction	Metal
Operating System	Raspberry Pi OS
Operating Temperature	0 degreesC ~45 degreesC @0.7m/s Air Flow
Humidity	95% @ 45 degreesC (non-condensing)
Certifications	CE, FCC Class B, UKCA
Network	
Network Controller	1 x Pef7071 PHY
Ethernet Interface	1 x RJ45
Wi-Fi/BT	Onboard Wi-Fi/BT module (2.4 GHZ/5 GHz)
Mobile Network	NA
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	

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Product Specification Sheet

USB	3 x USB3.2 Gen
	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

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/DN24-CM4-Giada-DN24-Raspberry-Pi-Compact-Signage-Player-Buy-p-321451.php>

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