



TIS NANO SERVER

TIS nano Server

Data Sheet Rev 3.2

Model: TIS-NANO-SRV



OVERVIEW

The TIS Nano Server is a compact, high-performance micro-host designed for 24/7 operation and seamless integration with TIS smart home systems. Built around the Raspberry Pi Compute Module 4, it combines powerful connectivity, expandable interfaces, and secure industrial-grade design—delivering reliable smart-home control in a miniature form factor.

KEY BENEFITS

- + Central hub for all TIS devices
- + Saves time and setup cost
- + Reliable operation day and night
- + Easy to expand and connect peripherals
- + Durable with industrial-grade build
- + Works with Alexa & HomeKit seamlessly

KEY FEATURES

- ★ Built for Home Assistant and TIS integration
- ★ 1-minute setup, no OS installation needed
- ★ Runs 24/7 with active cooling
- ★ Compact design with multiple mounting options
- ★ Secure with encryption and real-time clock
- ★ Expandable I/O: USB, HDMI, Ethernet, HY2.0












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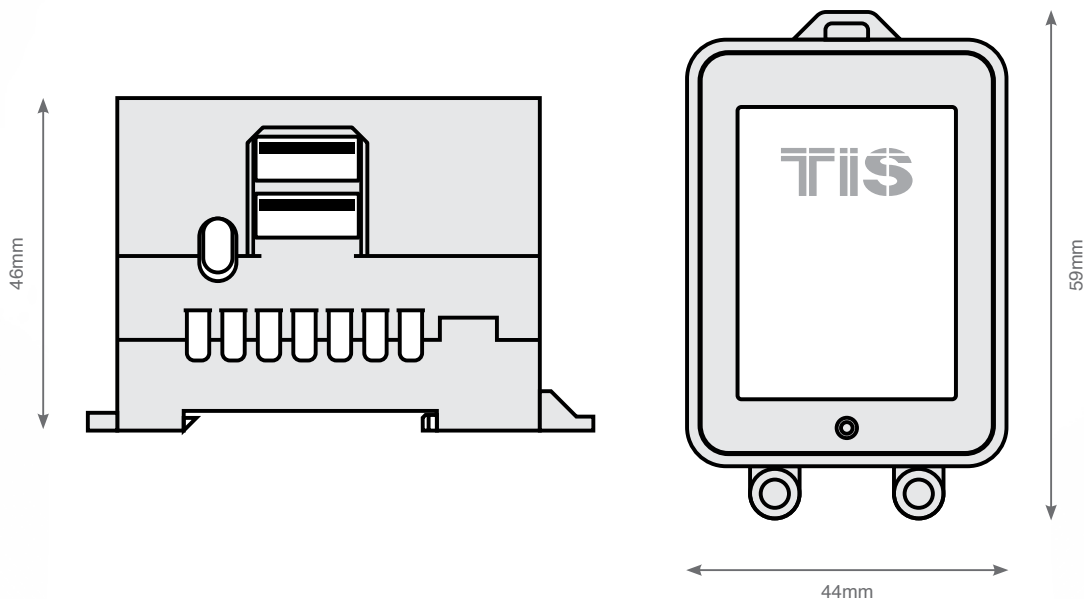
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PRODUCT SPECIFICATIONS

	Core System	Compute Module RAM Storage	Raspberry Pi Compute Module 4 (CM4104032) 4 GB 32 GB eMMC
	Display	Screen	2.0-inch IPS-LCD, 320 × 240 resolution, capacitive touch
	Connectivity	USB Ports HDMI Ethernet Wireless	2 × USB3.2-A; 1 × USB-C (2.0) OTG External display support (up to 4K60) 1 × Gigabit RJ45 + external antenna connector Wi-Fi and Bluetooth
	Power	Input	DC 12 V @ 3 A (barrel jack)
	Audio	Speaker	2 W, I ² S amplifier (AW88298)
	Expansion	Interface Ports	2 × HY2.0-4P (I ² C, UART)
	Security & Clock	Secure Element RTC	ATECC608B BM8563
	Cooling & Enclosure	Cooling	Active fan + aluminum heat-sink
	Mounting	Installation Options	DIN-rail, wall mount, screw fixation
	Dimensions	Size (L × W × H)	59mm × 44mm × 46mm
	Weight	Product Weight	119.1g



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