

Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

32GB DDR4 RAM

2TB SSD

Dual Band WiFi

Windows 11 IoT

SKU: TREO-N5-32-M2048-12_5-M-11I-0



Powerfully Compact. Infinitely Capable.

Introducing the Thinvent® Treo Mini PC, engineered for peak performance and unmatched reliability. Crafted with a robust, powder-coated aluminum housing in sleek black, this mini PC is built to last and designed for efficient heat dissipation. Experience the perfect blend of form and function, with a smooth metal build that speaks to its premium quality.

Key Performance Pillars

- Powered by an Intel® processor N5095A featuring 4 cores, reaching up to 2.9 GHz with a 4 MB cache, ensuring seamless multitasking.
- 4GB of DDR4 RAM provides smooth operation for everyday tasks.
- A speedy 128GB SSD offers rapid boot-up times and quick data access.

Connectivity and Versatility

- Connect with ease using 4 USB 3.0 ports and 4 front USB 2.0 ports.
- Dual display support with HDMI and VGA outputs.
- Integrated speaker out and mic in, plus front ports for convenient audio access.
- A fast 1000 Mbps Ethernet port and Dual Band Wi-Fi 5 (802.11ac) keep you connected at high speeds.
- Includes a 12V 5A adapter for stable power.

Designed for Demanding Environments

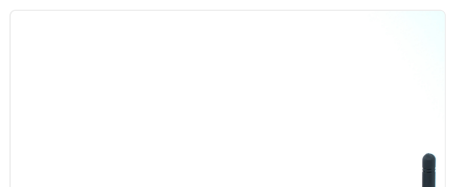
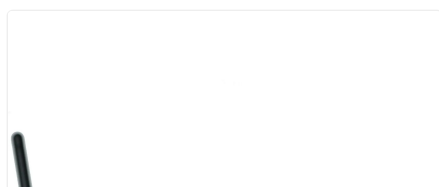
- Operates reliably within a 0°C to 40°C temperature range.

- Supports a wide voltage input (100~240 Volts AC) for global compatibility.
- VESA mountable for flexible deployment.
- Runs on Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry, optimized for industrial and commercial applications.

Proudly 100% designed and made in India, the Thinvent® Treo Mini PC offers customisation options for large requirements.

Technical Specifications

- Processor: Intel® processor N5095A (4 core, up to 2.9 GHz, 4 MB cache)
- RAM: 4GB DDR4
- Storage: 128GB SSD
- Adapter: 12V 5A
- Wireless: Dual Band WiFi (802.11ac)
- Operating System: Windows 11 IoT Enterprise LTSC 2024 Entry
- Ports: 1x HDMI, 1x VGA, 1x Speaker Out, 1x Mic In, 1x Front Speaker Out, 1x Front Mic In, 4x USB 3.0, 4x Front USB 2.0, 1x 1000 Mbps Ethernet
- Power Input: 100~240V AC, 50~60 Hz, 1.5A max
- Cable Length: 2 Metre
- Operating Conditions: 0°C ~ 40°C, 20% ~ 80% RH non-condensing
- Certifications: RoHS, ISO, BIS
- Dimensions: 199.5mm x 181.5mm x 29.5mm
- Housing: Aluminium, Powder Coated, Black
- VESA Mount: 1





Thinvent Treo Mini PC



Specifications

PROCESSING

Generation	11th
Series	Celeron
Processor Brand	Intel
Processor Model	N5095A
Cores	4
Max Frequency	2.9 GHz
Cache	4 MB
Main Memory	32 GB
SSD Storage	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.0	4
Front USB 2.0	4

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

ENVIRONMENTAL

Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

Form Factor	Mini PC
Dimensions	199.5mm × 181.5mm × 29.5mm
Packing Dimensions	224mm × 319mm × 85mm
Housing Material	Aluminium
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.28kg, 1.50kg

ACCESSORIES

VESA Mount	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry
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Ordering Information

PRODUCT CODE				
Treo-N5-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]				
RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
SSD	m128 = 128GB			
	m512 = 512GB			
	m2048 = 2TB			
Wireless	m = Dual Band WiFi			
		X = No WiFi		
OS	DOS = DOS			
	11I = Windows 11 IoT			
	110 = Windows 11 Professional			
	U = Ubuntu Linux			
		W_OS = Without OS		
		11P = Windows 11 Pro		
		Thinix = Thinix™ Embedded Linux		
Accessories	0 = None			
	MK = Mechanical Keyboard			
		KM = Keyboard and Mouse set		
		Mo = Wired Optical Scroll Mouse		

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