



Thinvent Treo Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

16GB DDR4 RAM (2 x 8GB)

2TB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: TREO-R5_7-8_8-M2048-19_3-M-11V-0



Engineered for the real world, refined for the impossible.

Performance without compromise

- Power through demanding industrial applications with the responsive AMD Ryzen™ 5 7430U processor, effortlessly handling data logging, edge analytics, and HMI tasks with six cores ready for simultaneous workloads.
- 4GB DDR4 memory and a fast 128GB SSD mean your applications launch quickly and systems stay responsive, even in multi-tasking environments that would stall lesser machines.

Built to thrive anywhere

- The all-aluminium body isn't just handsome – it acts as a passive heatsink, wicking away heat so the Treo stays reliable in tight cabinets, factory floors, or even outdoor kiosks where temperatures fluctuate.

- Dual-band Wi-Fi and gigabit Ethernet give you networking flexibility, whether you're running a standalone system or integrating into a larger IoT ecosystem.

Made for your mission, not someone else's catalogue

- 100% designed and manufactured in India, so you get local support, faster lead times, and confidence in supply chain resilience.
- Need a specific colour or a tweaked front panel? For larger quantities we can customise the finish and design to match your brand or deployment environment – no off-the-shelf compromises.

The Thinvent Treo Mini PC: where robust engineering meets practical performance, ready for the next shift.



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Specifications

PROCESSING

Generation	7000 Series
Series	Ryzen 5
Processor Brand	AMD
Processor Model	7430U
Cores	6
Max Frequency	4.3 GHz
Cache	16 MB
Main Memory	16 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 3.2 Gen 1	2
USB 2.0	2
Front USB 2.0	4

NETWORKING

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

POWER

DC Voltage	19 Volts
DC Current	3 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	0.97kg, 1.19kg

ACCESSORIES

VESA Mount	1
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OPERATING SYSTEM

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

PRODUCT CODE

Treo-r5_7-[RAM]-[SSD]-19_3-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB m2048 = 2TB	m256 = 256GB m1024 = 1TB		
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS 11V = Windows 11 IoT Value 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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