



Thinvent Treo Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

64GB DDR4 RAM (2 x 32GB)

2TB SSD

No WiFi

Ubuntu Linux

SKU: TREO-R5_7-32_32-M2048-19_3-X-U-0



Powerful performance, solid as a rock – the Thinvent Treo Mini PC is engineered for the demanding industrial environment.

Built for reliability

- The robust aluminium chassis acts as a natural heat sink, keeping the AMD Ryzen 5 7430U processor cool even under continuous load – no noisy fans needed for most tasks
- With its powder-coated black finish and solid metal construction, this mini PC withstands vibration, dust, and the knocks of a busy factory floor or retail counter

Where it excels

- Digital signage systems that run 24/7 without a glitch
- Point-of-sale terminals needing a compact, discreet compute core
- Industrial automation controllers that require stable, long-service computing
- Thin client deployments with secure Ubuntu Linux – no Windows licences, no bloatware, just reliable operation

Why choose Thinvent

- 100% designed and made in India, ensuring local support and supply chain security
- Efficient heat dissipation means lower failure rates and longer lifespan
- Smooth, clean finish matches any professional setting
- Need a specific colour or design? For large-volume orders we customise the look to your brand or environment
- Pre-loaded with Ubuntu Linux 24.04 LTS, giving you a stable, secure operating system out of the box – no unnecessary extras, just what you need

The Treo Mini PC delivers the processing punch you need in a form factor that fits anywhere, with the durability to keep working year after year. It's the no-compromise choice for serious business.



Thinvent Treo Mini PC



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	64 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
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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	Ubuntu Linux 24.04 LTS
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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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