



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)

512GB SSD

Dual Band WiFi

Thinux Embedded Linux

SKU: TREO-R5_7-32_32-M512-19_3-M-THINUX-0



Unleash remarkable performance in a powerhouse that fits in the palm of your hand.

Designed and manufactured entirely in India, this Mini PC is your steadfast partner for demanding industrial and commercial environments. Its solid aluminium chassis, finished in sleek black, acts as a natural heatsink, silently drawing heat away from the AMD Ryzen processor so you can rely on rock-steady, high-speed computing around the clock.

Forget clunky towers cluttering your workspace. This compact marvel slides effortlessly behind a monitor or tucks neatly into a tight control cabinet, turning any display into a capable workstation. The pre-installed Thinux Embedded Linux environment is ready to go right out of the box. Open Chromium or Firefox, connect to remote servers via RDP 10, Putty or VNC, and run your critical applications – whether they are written in Java, Python or rely on glibc – without a second thought.

Need to edit documents, view PDFs, play media or manage a video conferencing session? The Treo handles it all with quiet efficiency. With dual-band WiFi and gigabit Ethernet, you stay connected to your network and the world. And if you have a larger deployment, you are not stuck with a standard look – we can customise colours and design to match your brand or application perfectly.

Make the smart, reliable choice for embedded systems, digital signage, thin client deployments or industrial control. The Treo Mini PC delivers a no-compromise experience in a beautifully engineered, Indian-made package.



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	512 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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

Ordering Information

PRODUCT CODE

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

RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32_32 = 64GB
DDR4 RAM (2 x
32GB)16_16 = 32GB
DDR4 RAM (2 x
16GB)8_8 = 16GB DDR4
RAM (2 x 8GB)

SSD

m128 = 128GB

m256 = 256GB

m512 = 512GB

m1024 = 1TB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

W_OS = Without OS

11V = Windows 11 IoT Value

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

U = Ubuntu Linux

Accessories

0 = None

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

Mo = Wired Optical Scroll Mouse

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