

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

1TB SSD

No WiFi

Thinix Embedded Linux



SKU: TREO-I3_12-32_32-M1024-12_7-X-THINUX-0

Unleash Mighty Performance in a Mini Footprint, Crafted in India

Experience the Thinvent® Treo Mini PC, a powerhouse designed for efficiency and reliability. 100% designed and made in India, this compact device delivers robust performance for your most demanding applications.

Superior Performance

- Driven by an Intel® Core™ i3-1215U processor (6 cores, up to 4.4 GHz, 10 MB cache), ensuring lightning-fast responsiveness.
- Multitask effortlessly with a massive 32GB DDR4 RAM.
- Enjoy rapid boot times and quick application loading from a 512GB SSD.

Robust Connectivity & Design

- Connect to multiple displays via HDMI and VGA ports.
- Versatile USB options include 2x USB 3.2, 2x USB 2.0, and 4x front USB 2.0 for all your peripherals.
- Secure and stable network access with 1000 Mbps Ethernet.
- Energy-efficient with a reliable 12V 7A adapter, complete with a 2-metre cable.
- Built with a solid aluminium housing in a sleek black powder-coated finish, ensuring efficient heat dissipation and exceptional durability.

- For large deployments, customisable colours and designs are available.

Thinvent Thinix™ OS Advantage

- Powered by Thinvent® Thinix™ Embedded Linux for a secure and optimized environment.
- Access the web with pre-installed Chromium and Mozilla Firefox browsers.
- Benefit from advanced remote management with RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and VNC shadowing.
- Support for Java, Python, and glibc based applications.
- Productivity tools include LibreOffice and a PDF viewer.
- Enjoy multimedia with MPEG4 support and integrated SIP video/voice over IP.

Reliability & Compact Form

- Certified with RoHS, ISO, and BIS for quality assurance.
- Designed for challenging environments with an operating temperature range of 0°C ~ 40°C and 20% ~ 80% RH, non-condensing humidity.
- Extremely compact (199.5mm x 181.5mm x 29.5mm) with VESA mount capability for flexible placement.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	64 GB
SSD Storage	1024 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	2
USB 2.0	2
Front USB 2.0	3
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
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POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	1.49kg, 1.71kg

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-i3_12-[RAM]-[SSD]-12_7-[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 m256 = 256GB m1024 = 1TB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS 11V = Windows 11 IoT Value Thinux = Thinux™ Embedded Linux W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux
Accessories	0 = None MK = Mechanical Keyboard KM = Keyboard and Mouse set Mo = Wired Optical Scroll Mouse

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