



Thinvent Treo Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

8GB DDR4 RAM

128GB SSD

Dual Band WiFi

Thinux Embedded Linux

SKU: TREO-15_14-8-M128-12_5-M-THINUX-0



Experience Indian Innovation: Powerfully Compact. Securely Smart.

Discover the Thinvent® Treo Mini PC, a 100% designed and made in India powerhouse that redefines compact computing. Engineered for exceptional performance, this mini PC offers robust functionality in an incredibly small footprint, perfect for demanding tasks.

Unleash Productivity

- Experience blazing-fast performance and seamless multitasking with its 10-core Intel® Core™ 5 120U processor, boasting speeds up to 5.0 GHz and a 12 MB cache.
- Enjoy super-responsive operation with 16GB DDR4 RAM.
- Benefit from lightning-fast boot times and application loading thanks to the 256GB SSD.

Extensive Connectivity

- Connect multiple displays simultaneously with 2 HDMI and 1 VGA port.
- Easily integrate all your peripherals using 2 USB 3.0 ports, along with 6 USB 2.0 ports (2 rear, 4 front).
- Stay connected with reliable Gigabit Ethernet and high-speed Wi-Fi 5 (802.11ac) dual-band wireless networking.
- Comprehensive audio options include front and rear speaker out and mic in ports.

Secure and Versatile Operating System

Powered by Thinvent® Thinux™ Embedded Linux, the Treo Mini PC provides a secure, stable, and feature-rich environment.

- Access the web using pre-installed Chromium and Mozilla Firefox browsers.
- Enjoy advanced remote management and access capabilities including RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, browser-based remote management, and VNC shadowing.
- Boost productivity with LibreOffice and a PDF viewer.
- Supports multimedia playback with MPEG4 and enables SIP video and voice over IP.
- Ideal for custom applications with Java, Python, and glibc based location application support.

Premium Design and Reliability

Crafted from solid aluminium with a sleek black, powder-coated finish, this VESA-mountable mini PC ensures efficient heat dissipation and exceptional durability. Its ultra-compact dimensions (199.5mm x 181.5mm x 29.5mm) save valuable desk space. Certifications like RoHS, ISO, and BIS guarantee quality and compliance. For large requirements, customisable colours and designs are available to meet your specific needs.



Specifications

PROCESSING

| | |
|-----------------|--------|
| Generation | 14th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 120U |
| Cores | 10 |
| Max Frequency | 5 GHz |
| Cache | 12 MB |
| Main Memory | 8 GB |
| SSD Storage | 128 GB |

DISPLAY

| | |
|------|---|
| HDMI | 2 |
| VGA | 1 |

AUDIO

| | |
|-------------------|---|
| Speaker Out | 1 |
| Mic In | 1 |
| Front Speaker Out | 1 |
| Front Mic In | 1 |

CONNECTIVITY

| | |
|---------------|---|
| USB 3.0 | 2 |
| USB 2.0 | 2 |
| Front USB 2.0 | 3 |

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 | 1.03kg, 1.25kg |

ACCESSORIES

| | |
|------------|---|
| VESA Mount | 1 |
|------------|---|

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-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] | |
| RAM | 4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4 |
| SSD | m128 = 128GB m256 = 256GB m32 = 32GB 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 Thinux = Thinux™ 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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