

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

4GB DDR4 RAM

1TB SSD

Dual Band WiFi

Thinix Embedded Linux

Thinvent Keyboard and Mouse set



SKU: TREO-15_14-4-M1024-12_5-M-THINUX-KM

Unleash Productivity with the Thinvent® Treo Mini PC: Your Compact Powerhouse!

Experience unparalleled performance and efficiency with the Thinvent® Treo Mini PC, proudly designed and made in India. This sleek, black aluminium mini PC is engineered for modern computing needs, offering a powerful combination of hardware and a specialized embedded Linux operating system.

Performance Unleashed

- Processor: Intel® Core™ 5 120U with 10 cores, reaching up to 5.0 GHz and 12 MB cache for exceptional speed and responsiveness.
- Memory & Storage: 32GB DDR4 RAM ensures seamless multitasking, complemented by a 128GB SSD for rapid boot times and application loading.

Connectivity & Versatility

- Display: Dual HDMI and one VGA port for flexible multi-monitor setups.
- Ports: A comprehensive array including USB 3.0, USB 2.0 (front and rear), speaker out (front and rear), and mic in (front and rear) for all your peripheral needs.
- Networking: 1000 Mbps Ethernet and Dual Band Wi-Fi 5 (802.11ac) for robust connectivity.

Thinix™ Embedded Linux

- Optimized for performance and security, Thinix™ offers a streamlined user experience.

- Features pre-installed Chromium and Mozilla Firefox browsers, RDP 10, Putty, SSH, LibreOffice, and a multimedia player, ensuring you're ready to work and play out of the box.
- Browser-based remote management and VNC shadowing simplify administration.
- Supports Java, Python, and glibc for custom application development.

Designed for Durability and Style

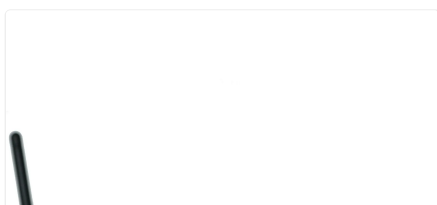
- Crafted from solid aluminium with a powder-coated black finish for excellent heat dissipation and a premium feel.
- Compact dimensions (199.5mm × 181.5mm × 29.5mm) and VESA mount compatibility allow for discreet placement.
- Customisable colours and designs are available for large requirements, reflecting your unique brand identity.

Included Accessories

- Thinvent® Keyboard and Mouse set for an immediate, integrated workstation.
- 12V 7A adapter with a 2-meter cable for convenient power access.

Reliability and Certifications

- Built to last with RoHS, ISO, and BIS certifications.
- Operates efficiently in a wide temperature range (0°C ~ 40°C) and humidity (20% ~ 80% RH).





Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 14th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 120U |
| Cores | 10 |
| Max Frequency | 5 GHz |
| Cache | 12 MB |
| Main Memory | 4 GB |
| SSD Storage | 1024 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 | 1.55kg, 1.77kg |

ACCESSORIES

| | |
|--------------------|---|
| Keyboard and Mouse | 1 |
| 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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