



Thinvent Treo Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

1TB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: TREO-15_14-16-M1024-12_5-M-11V-0



Unleash Mighty Performance in a Mini Footprint.

Experience unparalleled power and compact design with the Thinvent® Treo Mini PC. 100% designed and made in India, this marvel of engineering delivers desktop-grade performance in a sleek, palm-sized form factor, perfect for any workspace or specialized application.

Blazing Performance at Your Command

- Powered by the Intel® Core™ 5 120U processor, featuring 10 cores and turbo speeds up to 5.0 GHz with a 12 MB cache for seamless multitasking and demanding applications.
- Equipped with 8GB DDR4 RAM and a lightning-fast 512GB SSD, ensuring rapid boot times and fluid operation.
- Runs on Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering a secure, stable, and long-term solution for professional environments.

Robust Design and Versatile Connectivity

- Crafted from solid aluminium with a powder-coated black finish, it ensures efficient heat dissipation and a solid, smooth build.
- Customisation options for colours and design are available for large requirements.
- Connect effortlessly with dual HDMI and a VGA port for multi-display setups.
- Comprehensive I/O includes 2x USB 3.0, 6x USB 2.0, Gigabit Ethernet, and dual-band Wi-Fi 5 (802.11ac).
- Dedicated audio ports (speaker out, mic in) on both front and back.
- VESA mount compatibility allows for discreet installation behind monitors.

Built for Reliability

- Designed to operate in diverse environments, from 0°C to 40°C.
- RoHS, ISO, and BIS certified, guaranteeing quality and compliance.
- Ultra-compact at just 199.5mm × 181.5mm × 29.5mm, fitting effortlessly into any setup.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 14th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 120U |
| Cores | 10 |
| Max Frequency | 5 GHz |
| Cache | 12 MB |
| Main Memory | 16 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 | 1.03kg, 1.25kg |

ACCESSORIES

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

OPERATING SYSTEM

| | |
|------------------|---|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|---|

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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