



Thinvent Treo Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM

1TB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: TREO-I5_12-64-M1024-12_5-M-11V-0



Power redefined, meticulously crafted in India.

Introducing the Thinvent® Treo Mini PC

Experience desktop-grade power in an impossibly compact form factor. This 100% designed and made in India marvel is engineered for peak performance and unwavering reliability, perfect for demanding business environments, digital signage, or advanced home computing.

Unrivalled Performance

At its core lies the Intel® Core™ i5-1250P processor, a powerhouse featuring

- 12 Cores for superior multitasking
- Up to 4.4 GHz Max Frequency for lightning-fast operations
- 12 MB Cache for efficient data access

Paired with 4GB DDR4 RAM and a blazing-fast 512GB SSD, enjoy instant boot-ups, seamless application switching, and ample storage for all your critical data.

Robust Connectivity & Versatility

The Treo Mini PC offers comprehensive connectivity to integrate effortlessly into any setup

- HDMI and VGA ports for multi-display setups

- Multiple USB 3.2 and USB 2.0 ports for peripherals
- Gigabit Ethernet for stable wired networking
- Dual Band Wi-Fi 5 (802.11ac) for flexible wireless access
- Dedicated audio ports including Front Speaker Out and Mic In

Running on Windows 11 IoT Enterprise LTSC 2024 Value, it delivers a secure, long-term stable, and powerful operating environment.

Premium Design & Durability

Encased in a solid, powder-coated black Aluminium housing, the Treo Mini PC ensures efficient heat dissipation and a sleek, professional aesthetic. Its robust metal build guarantees exceptional durability, designed to operate reliably from 0°C to 40°C. Measuring just 199.5mm × 181.5mm × 29.5mm and VESA mountable, it fits seamlessly into any space. For large requirements, customisable colours and designs are available. With RoHS, ISO, and BIS certifications, trust in its quality and environmental compliance.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 1240P |
| Cores | 12 |
| Max Frequency | 4.4 GHz |
| Cache | 12 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 | 4 |

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 | 1.42kg, 1.65kg |

ACCESSORIES

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

OPERATING SYSTEM

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

Ordering Information

| PRODUCT CODE | |
|--|--|
| Treo-i5_12-[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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