



# Thinvent Treo Mini PC

## Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

## 4GB DDR4 RAM

## 1TB SSD

## No WiFi

## Ubuntu Linux



SKU: TREO-I5\_12H-4-M1024-12\_5-X-U-0

Power meets practicality in a remarkably compact package.

The Treo Mini PC is engineered to thrive where desktop towers are simply too big. Tuck it discreetly behind a monitor with its VESA mount as a sleek Edge display rig drive a lecture theatre projector run a POS system without missing a beat or control industrial test bench software in unforgiving heatsink-heavy environments near machinery.

Whether for information kiosks facing a punishing summer processing seasonal stockfiles at a quiet shop back office direct it and rest at power levels comparable to legacy hardware consuming massively because core architecture powers exact lightweight cost tim

Equipped Ubuntu; inherent stable fits tighter needs cold no satellite link less overhead shorter radio security. That operating drive far fewer bits security designed head fewer bullet choices open ecosystem. We warrant Treo more survivable sustained install high daylight screens or control medics performing display system inside antechamber to contaminated rooms handled fully fin sheet floss without worry finish would chip because met cert for extreme high and industry build materials same pure dense feels indestructival formed weight ready use shield shock

Made comprehensively firm dimension free industry cert heavy use fin design test stand from zero massive cable secure single vol case class cooling longer no unit sliding airflow bound tough ambient reach needs huge monitor stock display

The black aluminium housing doubles design beauty quickly chassis reliable computing stable operation fl active treatment this milline precise power at reasonable mass handle volatile temperature demanding change is delivered per order source build huge better especially repeat. Case options top each buyer either massive deployed end markets: own finishes custom laser ident solid to blend background seamless unity permanent needs reliably batch request printed all quality full thickness thin budget heavy integration must be actual choice engineering under guarantee load guarantee business value future progress unmained factory wide saving long reuse.

Original continuous upgrade ensures long reliable busypoint stress built flat rapid company metric keep market acceptance high visibility on bench compute simply purpose main



## Specifications

### PROCESSING

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Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	12450H
Cores	8
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	1024 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

### CONNECTIVITY

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USB 3.2	2
USB 2.0	2
Front USB 2.0	4

### NETWORKING

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Ethernet	1000 Mbps
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### POWER

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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

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Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

### PHYSICAL

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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

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VESA Mount	1
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### OPERATING SYSTEM

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Operating System	Ubuntu Linux 24.04 LTS
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## Ordering Information

PRODUCT CODE	
<b>Treo-i5_12H-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>	
<b>RAM</b>	<b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4 <b>32_32</b> = 64GB DDR4 RAM (2 x 32GB) <b>16_16</b> = 32GB DDR4 RAM (2 x 16GB) <b>8_8</b> = 16GB DDR4 RAM (2 x 8GB)
<b>SSD</b>	<b>m128</b> = 128GB <b>m512</b> = 512GB <b>m256</b> = 256GB <b>m1024</b> = 1TB
<b>Wireless</b>	<b>m</b> = Dual Band WiFi <b>X</b> = No WiFi
<b>OS</b>	<b>DOS</b> = DOS <b>11V</b> = Windows 11 IoT Value <b>Thinux</b> = Thinux™ Embedded Linux <b>W_OS</b> = Without OS <b>11P</b> = Windows 11 Pro <b>U</b> = Ubuntu Linux
<b>Accessories</b>	<b>0</b> = None <b>MK</b> = Mechanical Keyboard <b>KM</b> = Keyboard and Mouse set <b>Mo</b> = Wired Optical Scroll Mouse

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