



Thinvent Treo Mini PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

1TB SSD

No WiFi

Ubuntu Linux



SKU: TREO-I5_12H-32_32-M1024-12_7-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 chassises 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



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Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	12450H
Cores	8
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
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POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	1.52kg, 1.74kg

ACCESSORIES

VESA Mount	1
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OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

Treo-i5_12H-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
SSD	m128 = 128GB	m256 = 256GB		
	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		
	Thinix = Thinix™ 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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