



Thinvent Uno 23.8" All in One PC

Intel Core i5-12450H processor

8 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

128GB SSD

Dual Band WiFi

Windows 11 IoT Value

Fixed Stand

SKU: UNO24-I5_12H-16_16-M128-12_7-M-11V-F



Power where you need it, simplicity where it counts.

Streamlined performance for the modern workplace

Say goodbye to tangled cables and bulky towers. This Thinvent All-in-One PC puts a powerful 12th generation Intel Core i5 processor behind a crisp 23.8-inch Full HD display, giving you the speed and clarity to handle point-of-sale, inventory management, or customer-facing kiosks without clutter. The pre-installed Windows 11 IoT Enterprise delivers a secure, locked-down experience that stays stable year after year – no unwanted updates, no bloatware, just reliable operation exactly as you configure it.

Built for reliability in demanding environments

Whether your front desk sees constant use or your factory floor faces dust and vibration, this machine is engineered to keep working. The robust aluminium and steel housing protects internal components, while the fixed stand holds firm in high-traffic areas. A pop-up camera adds a layer of privacy for video calls or security check-ins, and dual-band Wi-Fi keeps you connected even in busy wireless environments. Low-voltage 12V power means lower energy bills and safer operation around staff and customers.

The smart choice for business efficiency

Designed for easy deployment and minimal maintenance, every Thunder Uno helps reduce downtime and total cost of ownership. Use it as an all-in-one for reception desks, self-service checkouts, digital signage, or industrial HMIs – it adapts to your workflow, not the other way around. With generous connectivity options and a 2-metre power cable, setup is straightforward. Choose the Thinvent Uno for performance that works as hard as your team does.



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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	32 GB
SSD Storage	128 GB

DISPLAY

Screen Size	23.8 inch
Resolution	1920 × 1080
Brightness	250 nits
Viewing Angle	Horizontal 178°, Vertical 178°
Camera	Pop up, 2 Megapixel
HDMI	1
VGA	1

AUDIO

Speakers	2 × 3 Watts
Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Side USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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 ~ 35°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

Form Factor	All-in-One
Stand	Fixed
Dimensions	541mm × 400mm × 55mm
Housing Material	Aluminium alloy, steel and ABS Plastic
Housing Colour	Black
Kensington Lock	Yes
Net and Gross Weight	8.53kg, 8.53kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE

Uno24-i5_12H-[RAM]-[SSD]-12_10-[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

m512 = 512GB

m256 = 256GB

m1024 = 1TB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

Thinix = Thinix™ Embedded Linux

W_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

Accessories

F = Fixed Stand

HA = Height Adjustable Stand

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