



Thinvent Uno 21.5" All in One PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Thinux Embedded Linux

Height Adjustable Stand

SKU: UNO22-I7_12L-16_16-M512-12_5-X-THINUX-HA



Engineered for endurance, built for purpose: the Thinvent Uno All-in-One.

This isn't just a computer; it's a resilient operational hub designed for demanding environments. It consolidates everything into a single, robust unit with a crisp 21.5-inch display, eliminating cable clutter and saving valuable space on factory floors, in logistics hubs, or at secure workstations.

Why the Uno stands apart

Uncompromising reliability for 24/7 operation: With its industrial-grade components and efficient embedded operating system, the Uno delivers steadfast performance where standard PCs would falter. It's built to handle continuous operation in varied conditions, ensuring your critical processes never miss a beat.

Simplified management and iron-clad security: Say goodbye to complex IT overhead. The integrated Thinux platform offers streamlined remote management and secure application deployment. With dual Ethernet ports for network redundancy and no WiFi, you gain enhanced control and a reduced attack surface, perfect for sensitive or isolated networks.

Adapts to your workflow, not the other way around: The height-adjustable stand allows you to position the screen perfectly for any task or operator, reducing strain and boosting productivity. Its versatile connectivity supports everything from legacy peripherals to modern devices, making integration into your existing setup seamless.

Deploy the Thinvent Uno for digital signage, production line control, secure data terminals, or interactive kiosks. It's the dependable, all-in-one solution that just works, day in and day out.



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Specifications

PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	512 GB

DISPLAY

Screen Size	21.5 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
Side USB 2.0	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5

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	Height Adjustable
Dimensions	490mm × 378mm × 55mm
Housing Material	Aluminium alloy, steel and ABS Plastic
Housing Colour	Black
Kensington Lock	Yes
Net and Gross Weight	8.03kg, 8.03kg

OPERATING SYSTEM

Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

Amps maximum

Cable Length

2 Metre



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Ordering Information

PRODUCT CODE

Uno22-i7_12l-[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

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

F = Fixed Stand

HA = Height Adjustable Stand

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