



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)

128GB SSD

No WiFi

Thinux Embedded Linux

Fixed Stand

SKU: UNO22-I7_12L-16_16-M128-12_5-X-THINUX-F



Precision Engineered for Demanding Environments

The Thinvent® Uno All-in-One PC delivers unwavering industrial-grade performance where you need it most. Forget consumer-grade fragility; this is a robust computing solution built for 24/7 reliability in kiosks, digital signage, factory floors, and control rooms.

Uncompromising Reliability in a Streamlined Design

Say goodbye to bulky towers and messy cables. Its all-in-one aluminium alloy construction saves valuable space while resisting the rigours of daily industrial use. With dual Gigabit Ethernet ports, it ensures a rock-solid, hardwired network connection for critical data transfer and machine control.

Effortless Remote Management and Deployment

Our dedicated Thinux™ operating system is the secret to seamless oversight. Manage, update, and troubleshoot your entire fleet of devices from a single, secure browser-based interface—no need for physical access. It comes fully equipped with essential productivity and development tools, ready to run your custom applications straight out of the box.

Key Advantages

- Robust, fanless design ideal for dusty or sensitive environments.
- Simplified setup and maintenance with an integrated, clutter-free form factor.
- Enhanced security and stability with a purpose-built, lightweight OS.
- Direct support for industrial protocols and remote management tools.
- A cost-effective, durable alternative to consumer PCs in commercial settings.



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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	128 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	Fixed
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

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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