



Thinvent Industrial PC IPC1

Intel processor N95

4 core, up to 3.4 GHz, 6 MB cache

16GB DDR4 RAM

256GB SSD

Dual Band WiFi

Thinux Embedded Linux

SKU: IPC1-95-16-M256-12_5-M-THINUX-0



The silent strength behind your smart operations: the Thinvent® IPC1.

Engineered for endurance where it matters most

Built for the demands of modern business, the IPC1 industrial PC delivers unwavering performance in any setting. Its robust, solid aluminium construction with an anodised cover ensures durability, while the intelligent finned design silently dissipates heat without fans. This means reliable, dust-free operation with zero noise, perfect for quiet offices or challenging industrial floors.

Your versatile hub for digital transformation

This compact powerhouse is ready to drive your key applications. From digital signage and interactive kiosks to thin client setups and control systems, it provides the stable, always-on computing you need. Pre-loaded with our intuitive Thinux™ Embedded Linux OS, it offers out-of-the-box productivity with office tools, secure remote management, and support for a wide range of custom applications.

Why choose the IPC1

- Unmatched reliability with a fanless, solid metal build.
- Silent, maintenance-free operation ideal for sensitive environments.
- Flexible connectivity for displays, peripherals, and networks.
- A secure, ready-to-deploy platform that simplifies your IT.
- Proudly 100% designed in India, supporting local innovation.

Deploy confidence. Choose the robust, adaptable computing solution built to perform.



Specifications

PROCESSING

Generation	12th
Series	N
Processor Brand	Intel
Processor Model	N95
Cores	4
Max Frequency	3.4 GHz
Cache	6 MB
Main Memory	16 GB
SSD Storage	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

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

CONNECTIVITY

USB 3.0	2
Front USB 2.0	3

NETWORKING

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

POWER

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

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

PHYSICAL

Form Factor	Industrial PC
Thermal Design	Fanless Passive Cooling
Dimensions	199.5mm × 181.5mm × 34.5mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Aluminium
Housing Finish	Powder Coated Base, Anodised Cover
Housing Colour	Black
Net and Gross Weight	1.27kg, 1.69kg

ACCESSORIES

VESA Mount	1
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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.

Ordering Information

PRODUCT CODE	
IPC1-95-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]	
RAM	4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS W_OS = Without OS 11I = Windows 11 IoT 11P = Windows 11 Pro Thinux = Thinux™ 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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