



Thinvent Industrial PC IPC1

Intel processor N95

4 core, up to 3.4 GHz, 6 MB cache

64GB DDR4 RAM

1TB SSD

Dual Band WiFi

Windows 11 IoT

SKU: IPC1-95-64-M1024-12_5-M-11I-0



The Engine of Industry, Redefined. Meet the Thinvent IPC1 Industrial PC, where robust design meets seamless intelligence. Built for demanding environments, it delivers unwavering reliability where you need it most.

Uncompromising Reliability for Any Environment

- Engineered with a solid aluminium chassis and efficient finned design, it dissipates heat silently and reliably without fans.
- Its fanless operation ensures zero noise, prevents dust ingress, and guarantees longevity in both office and industrial settings.
- Ready to work 24/7, it thrives where standard computers fail.

Powering Your Digital Transformation

- From controlling kiosks and digital signage to managing complex automation, it's the steadfast brain behind your operations.

- Connect effortlessly with dual-band Wi-Fi and gigabit Ethernet, ensuring your processes are always online and in sync.
- Pre-installed with a secure, long-term Windows IoT platform, it provides a stable foundation for your specialised software.

Built with Pride, Engineered for Tomorrow

- 100% designed in India, it's a testament to local innovation meeting global industrial standards.
- Its compact, VESA-mountable form factor installs discreetly, saving space without sacrificing capability.
- Choose the IPC1 for a silent, rugged, and utterly dependable computing core that simply gets the job done, day after day.



Specifications

PROCESSING

Generation	12th
Series	N
Processor Brand	Intel
Processor Model	N95
Cores	4
Max Frequency	3.4 GHz
Cache	6 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 3.0	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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry
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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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