



# Thinvent Industrial PC IPC1

## Intel processor N95

4 core, up to 3.4 GHz, 6 MB cache

**32GB DDR4 RAM**

**512GB SSD**

**Dual Band WiFi**

**Windows 11 IoT**

SKU: IPC1-95-32-M512-12\_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

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Generation	12th
Series	N
Processor Brand	Intel
Processor Model	N95
Cores	4
Max Frequency	3.4 GHz
Cache	6 MB
Main Memory	32 GB
SSD Storage	512 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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

### CONNECTIVITY

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USB 3.0	2
Front USB 2.0	3

### NETWORKING

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

### POWER

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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

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

### PHYSICAL

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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

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VESA Mount	1
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### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry
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## Ordering Information

PRODUCT CODE	
<b>IPC1-95-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]</b>	
RAM	<b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4 <b>64</b> = 64GB DDR4
SSD	<b>m128</b> = 128GB <b>m256</b> = 256GB <b>m32</b> = 32GB <b>m512</b> = 512GB <b>m1024</b> = 1TB
Wireless	<b>m</b> = Dual Band WiFi <b>X</b> = No WiFi
OS	<b>DOS</b> = DOS <b>W_OS</b> = Without OS <b>11I</b> = Windows 11 IoT <b>11P</b> = Windows 11 Pro <b>Thinux</b> = Thinux™ Embedded Linux <b>U</b> = Ubuntu Linux
Accessories	<b>0</b> = None <b>KM</b> = Keyboard and Mouse set <b>MK</b> = Mechanical Keyboard <b>Mo</b> = Wired Optical Scroll Mouse

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