



# 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

## Windows 11 IoT

## Thinvent Keyboard and Mouse set

SKU: IPC1-95-16-M256-12\_5-M-11I-KM



The Unshakeable Core of Your Operations: Reliable computing power, engineered for endurance.

Introducing the Thinvent® Industrial PC IPC1: the steadfast, silent partner for demanding environments. Built from solid aluminium with a sleek anodised cover, its robust finned design isn't just for looks—it efficiently dissipates heat for unwavering performance. The completely fanless architecture guarantees silent operation and protects against dust, making it the perfect fit for both busy offices and challenging industrial settings.

### Why Choose the Thinvent IPC1

- Deploy with confidence, knowing its rugged, 100% India-designed build is made to last.

- Enjoy pristine, distraction-free silence thanks to advanced passive cooling.
- Connect with ease using comprehensive I/O ports and integrated dual-band Wi-Fi.
- Mount it securely almost anywhere with the included VESA bracket for a space-saving setup.
- Experience seamless Windows 11 IoT operation, ready to run your essential applications day in, day out.

Choose the IPC1 for a computing solution that works as hard as you do, without fuss or fanfare.



## 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     | 16 GB   |
| SSD Storage     | 256 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 | 1.79kg, 2.21kg                     |

### ACCESSORIES

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|                    |   |
|--------------------|---|
| Keyboard and Mouse | 1 |
| VESA Mount         | 1 |

### OPERATING SYSTEM

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|                  |   |
|------------------|---|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry |
|------------------|---|

## 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<br><b>64</b> = 64GB DDR4   |
| SSD   | <b>m128</b> = 128GB <b>m256</b> = 256GB<br><b>m32</b> = 32GB <b>m512</b> = 512GB<br><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<br><b>11I</b> = Windows 11 IoT <b>11P</b> = Windows 11 Pro<br><b>Thinux</b> = Thinux™ Embedded Linux <b>U</b> = Ubuntu Linux |
| Accessories   | <b>0</b> = None <b>KM</b> = Keyboard and Mouse set<br><b>MK</b> = Mechanical Keyboard <b>Mo</b> = Wired Optical Scroll Mouse   |

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

### R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

### Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

