



# Thinvent Industrial PC IPC1

## Intel processor N95

4 core, up to 3.4 GHz, 6 MB cache

16GB DDR4 RAM

128GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: IPC1-95-16-M128-12\_5-M-U-0



Built for the real world: power, reliability, and silent strength.

### Uncompromising Reliability for Demanding Environments

This isn't just another computer. The Thinvent® IPC1 is a robust industrial partner engineered for continuous operation where it matters most. Its solid aluminium chassis with a distinctive finned design isn't just for looks—it actively dissipates heat for unwavering stability without a single moving part. This fanless, silent operation means zero dust ingress and maintenance-free endurance in both office and industrial settings.

### Engineered for Purpose-Built Performance

Experience dependable computing power that just works. The efficient Intel® processing, combined with swift SSD storage, delivers the responsive performance needed for digital signage, process monitoring, machine interfacing, and secure edge computing. With comprehensive connectivity including dual-band WiFi and Gigabit Ethernet, it integrates seamlessly into your existing ecosystem. The versatile VESA mount allows for discreet, space-saving installation almost anywhere.

### A Proud Investment in Proven Durability

Choose a workhorse designed to withstand the long haul. From its silent, dust-resistant build to its stable Ubuntu Linux foundation, every aspect is crafted for set-and-forget operation. This is 100% Indian-designed engineering, built to offer exceptional value and steadfast reliability for your critical applications.



## 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     | 128 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 |
|------------|---|

### OPERATING SYSTEM

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|                  |                        |
|------------------|------------------------|
| Operating System | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## 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

