



Thinvent Industrial PC IPC1

Intel processor N95

4 core, up to 3.4 GHz, 6 MB cache

4GB DDR4 RAM

512GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: IPC1-95-4-M512-12_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

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

OPERATING SYSTEM

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

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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