



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

Windows 11 IoT

SKU: IPC1-95-16-M128-12_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 | 16 GB |
| SSD Storage | 128 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 | Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry |
|------------------|---|

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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