

## Intel processor N100

4 core, up to 3.4 GHz, 6 MB cache

## 32GB DDR4 RAM

## 32GB SSD

## No WiFi

## Windows 11 IoT

## Thinvent Keyboard and Mouse set



SKU: IPC1-100-32-M32-12\_2-X-11I-KM

Unleash Industrial Power, Silently.

Introducing the Thinvent® Industrial PC IPC1: Engineered for demanding environments, this robust machine delivers uncompromising performance and reliability. Experience the future of industrial computing with a compact powerhouse designed for both office and harsh industrial settings.

### Key Performance Highlights

- Powered by Intel® N100 processor with 4 cores, reaching up to 3.4 GHz and a 6 MB cache for swift multitasking.
- Massive 64GB DDR4 RAM ensures seamless operation of complex applications.
- Blazing-fast 512GB SSD provides rapid boot times and quick data access.

### Built for Durability and Efficiency

- Solid aluminium housing with a powder-coated base and anodised cover offers exceptional resilience.
- The finned design ensures superior, fanless heat dissipation, guaranteeing silent operation and preventing dust ingress.
- Designed and 100% manufactured in India, adhering to the highest quality standards.

### Comprehensive Connectivity

- 1 x HDMI, 1 x VGA for versatile display options.
- 2 x USB 3.2 Gen 2, 1 x USB 3.2 Gen 1, 1 x USB C, and 4 x Front USB 2.0 ports for all your peripherals.
- 1000 Mbps Ethernet for reliable network connectivity.
- Integrated audio with Speaker Out, Mic In, and Front Speaker Out/Mic In.

### Seamless Integration

- Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry.
- Includes a Thinvent® Keyboard and Mouse set for immediate productivity.
- VESA mount compatible for flexible installation.

### Specifications

- Power: 12V 5A Adapter, 100~240 Volts AC input.
- Operating Conditions: 0°C ~ 40°C ambient temperature, 20% ~ 80% RH humidity.
- Certifications: RoHS, ISO, BIS.
- Dimensions: 199.5mm x 181.5mm x 34.5mm.

The Thinvent® IPC1 is your dependable partner for uninterrupted industrial performance.





## Specifications

### PROCESSING

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Generation	12th
Series	N
Processor Brand	Intel
Processor Model	N100
Cores	4
Max Frequency	3.4 GHz
Cache	6 MB
Main Memory	32 GB
SSD Storage	32 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 3.2 Gen 2	2
USB 3.2 Gen 1	1
USB C	1
Front USB 2.0	4
RS485 Option	1

### NETWORKING

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Ethernet	1000 Mbps
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### POWER

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DC Voltage	12 Volts
DC Current	2 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 0.9 Amps maximum
Cable Length	1 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	1.48kg, 1.90kg

### 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
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## Ordering Information

PRODUCT CODE	
<b>IPC1-100-[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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