



Thinvent Industrial PC IPC3

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

4GB DDR4 RAM

2TB SSD

Dual Band WiFi

Windows 11 Pro



SKU: IPC3-I3_13-4-M2048-12_7-M-11P-0

Unleash Unwavering Performance in the Harshest Environments: The Thinvent® IPC3.

Engineered for relentless reliability, the Thinvent® Industrial PC IPC3 is your robust solution for critical industrial and IoT applications. Proudly 100% designed in India, this fanless, rugged powerhouse ensures seamless 24x7 operation, even in challenging conditions.

Unmatched Performance

- Experience superior processing power with the Intel® Core™ i3-1315U processor, featuring 6 cores, a 10 MB cache, and speeds up to 4.5 GHz.
- Multitask effortlessly with a formidable 64GB DDR4 RAM.
- Boost your workflow with a rapid 128GB SSD for quick boot-ups and application loading.
- Pre-installed with Windows 11 Pro for a secure and intuitive experience.

Rugged Durability & Design

- Built for extremes, its fanless design and anodised silver aluminium housing (200mm × 184mm × 52mm) ensure silent, reliable operation and superior heat dissipation.
- Operates flawlessly across a wide temperature range of 0°C to 50°C and 20% to 80% non-condensing humidity.
- Certified with RoHS and ISO standards for quality and environmental compliance.

Seamless Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a high-speed 1000 Mbps Ethernet port.
- Versatile I/O includes 1 HDMI, 1 VGA, 2 USB 3.2, 6 USB 2.0 (4 front), Speaker Out, and Mic In for comprehensive peripheral integration.

Reliable Power

- Adaptable power input (100~275 Volts AC) with a stable 12V 7A DC adapter ensures consistent performance and flexibility.



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	4 GB
SSD Storage	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

ENVIRONMENTAL

Operating Temperature	0°C ~ 50°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	RoHS, ISO

PHYSICAL

Form Factor	Industrial PC
Thermal Design	Fanless Passive Cooling
Dimensions	200mm × 184mm × 52mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Aluminium
Housing Finish	Anodised
Housing Colour	Silver
Net and Gross Weight	2.48kg, 2.90kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

IPC3-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32_32 = 64GB
DDR4 RAM (2 x
32GB)16_16 = 32GB
DDR4 RAM (2 x
16GB)8_8 = 16GB DDR4
RAM (2 x 8GB)

SSD

m128 = 128GB

m512 = 512GB

m2048 = 2TB

m256 = 256GB

m1024 = 1TB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

4S = Quad DB9 Serial

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