



Thinvent Industrial PC IPC3

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM

1TB SSD

No WiFi

Ubuntu Linux

SKU: IPC3-I3_12L-16-M1024-12_5-X-U-0



Unshakable performance for demanding environments: meet the Thinvent IPC3.

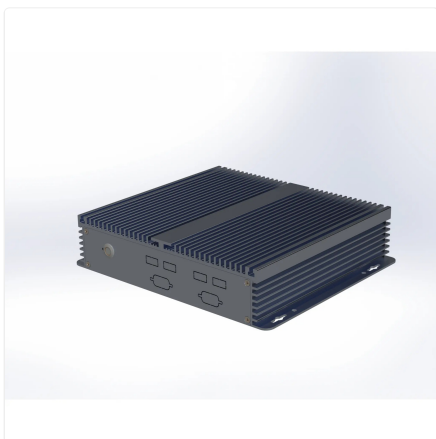
Engineered for the real world, this rugged industrial PC delivers unwavering reliability where others falter. Its robust, fanless design eliminates moving parts, making it impervious to dust, vibration, and extreme temperatures for non-stop 24/7 operation.

Built for the toughest jobs

- Deploy with confidence in manufacturing plants, automation systems, or remote IoT gateways.
- Enjoy silent, maintenance-free operation with efficient passive cooling.

- Leverage a stable and secure Ubuntu Linux foundation for your critical applications.
- Connect to a wide array of industrial peripherals with comprehensive legacy and modern ports.

Proudly 100% designed in India, the IPC3 combines durability with intelligent engineering. Its sleek anodised aluminium chassis isn't just tough—it's built to protect your investment and keep your operations running smoothly, day in and day out. Choose the resilient core for your industrial edge.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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 ~ 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	2.45kg, 2.87kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE	
IPC3-i3_12l-[RAM]-[SSD]-12_7-[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 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinux = Thinux™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None 4S = Quad DB9 Serial

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