



Thinvent Industrial PC IPC3

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

Quad DB9 Serial

SKU: IPC3-I3_12L-16-M512-12_5-X-U-4S



Engineered for the relentless rhythm of industry.

Meet the IPC3, the robust, fanless industrial computer built to thrive where others falter. Born from 100% Indian design, it delivers unwavering reliability for your most critical operations, 24 hours a day, 7 days a week.

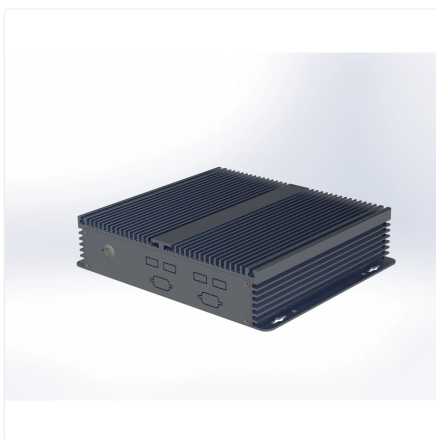
Built for demanding environments

- Its silent, fanless aluminium chassis shrugs off dust, vibration, and extreme temperatures, ensuring continuous operation without a whisper.
- Enjoy peace of mind with dependable, around-the-clock performance for automation, machine control, and IoT gateways.
- The trusted Ubuntu Linux platform provides a stable and secure foundation for your specialised industrial software.

Connect and control with confidence

- Directly interface with legacy machinery and modern peripherals using its comprehensive array of industrial ports.
- Dual Gigabit Ethernet ports enable robust network connectivity for data acquisition and system integration.
- Its compact, anodised silver design installs neatly into tight spaces on the factory floor, in utility cabinets, or within transport systems.

The IPC3 isn't just a computer; it's a durable partner for your digital transformation. Deploy it and forget it, knowing your processes are in capable hands.



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	512 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
Rear Serial Port	4 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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