



Thinvent Industrial PC IPC3

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

32GB DDR4 RAM (2 x 16GB)

256GB SSD

Dual Band WiFi

Ubuntu Linux

Quad DB9 Serial

SKU: IPC3-I3_12L-16_16-M256-12_7-M-U-4S



Engineered for extremes, built to last.

Introducing the Thinvent IPC3 Industrial PC: your steadfast digital partner for the most demanding environments. This isn't just a computer; it's a ruggedised solution for continuous, reliable operation where others fail.

Built for relentless performance

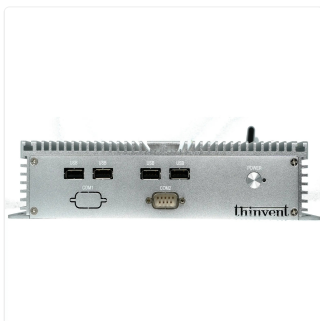
Forget fragile office hardware. The IPC3 is crafted for 24/7 duty in factories, warehouses, and remote IoT installations. Its robust, fanless design means no moving parts to clog or break, ensuring silent, dust-resistant operation from freezing cold to intense heat.

Simplify connectivity, unleash control

Manage a world of industrial equipment with ease. Four serial ports provide direct, legacy-compatible links to machinery, sensors, and PLCs, while dual Ethernet keeps your network robust and redundant. With built-in Wi-Fi, you gain the flexibility for both wired and wireless deployments.

Trust in robust, intelligent design

Proudly 100% designed in India, this PC combines smart engineering with durable, anodised aluminium construction. It arrives ready to work with a stable Ubuntu Linux OS, offering a secure and open platform for your custom applications without the bloat. Focus on your operation, not on your hardware. Choose the IPC3 for unwavering reliability where it matters most.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	256 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
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	2.55kg, 2.97kg

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
	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	m256 = 256GB		
	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		
	Thinix = Thinix™ Embedded Linux	U = Ubuntu Linux		
Accessories	0 = None	4S = Quad DB9 Serial		

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