



Thinvent Industrial PC IPC3

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

No WiFi

Windows 11 Pro

SKU: IPC3-I3_13-8_8-M512-12_5-X-11P-0



Unleash Unrivalled Performance: The Thinvent® IPC3 – Robust, Fanless, Built for India's Industrial Frontier.

Experience the pinnacle of industrial computing with the Thinvent® Industrial PC IPC3. This rugged, fanless powerhouse is meticulously engineered for 24x7 operation in the most demanding industrial and IoT environments, proudly 100% designed in India.

Uncompromising Performance

At its core lies the formidable Intel® Core™ i3-1315U processor, featuring 6 cores boosting up to 4.5 GHz and 10 MB cache, paired with 8GB DDR4 RAM and a rapid 256GB SSD. This configuration ensures lightning-fast data processing and seamless application performance for critical tasks.

Built for Extremes

Crafted from a durable anodised silver aluminium housing, the IPC3 (200mm × 184mm × 52mm) is built to last. Its fanless design eliminates dust ingress and provides silent operation, perfect for sensitive settings. Reliability is guaranteed across a wide operating temperature range of 0°C ~ 50°C and 20% ~ 80% non-condensing humidity.

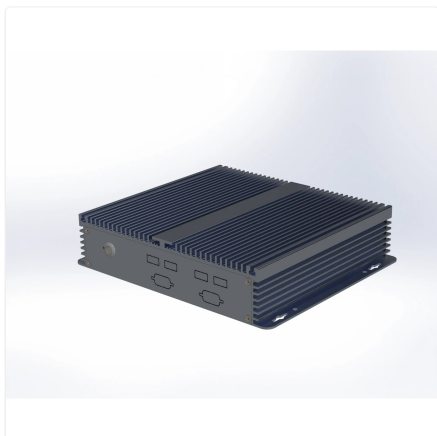
Seamless Connectivity

Versatile connectivity ensures easy integration into your existing setup, featuring

- 1 HDMI port
- 1 VGA port
- 1 Speaker Out port
- 1 Mic In port
- 2 USB 3.2 ports
- 6 USB 2.0 ports (2 rear, 4 front)
- Gigabit Ethernet (1000 Mbps) for high-speed networking

Intelligent Operation

Pre-installed with Microsoft Windows 11 Pro, the IPC3 provides a secure, familiar, and powerful operating platform. It comes with a reliable 12V 7A adapter (100~275V AC input) and is RoHS and ISO certified, delivering quality you can trust. Elevate your industrial operations with the Thinvent® IPC3.



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 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
USB 2.0	2
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
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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	2.38kg, 2.80kg

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		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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