



Thinvent Industrial PC IPC3

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

8GB DDR4 RAM

512GB SSD

No WiFi

Without OS

SKU: IPC3-I3_12-8-M512-12_5-X-W_OS-0



Unyielding Power, Unrivalled Reliability: Built for the Edge.

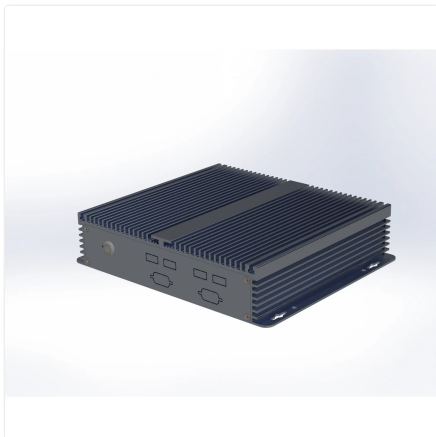
Introducing the Thinvent® Industrial PC IPC3, an exceptionally rugged and fanless computing powerhouse engineered for peak performance in the most challenging industrial and IoT environments. This system is 100% designed in India, guaranteeing robust quality and unwavering reliability for critical 24x7 operations.

Performance at its Core

Experience robust processing with the Intel® Core™ i3-1215U processor, featuring 6 cores and burst speeds up to 4.4 GHz with a 10 MB cache. Paired with 8GB DDR4 RAM and a lightning-fast 128GB SSD, the IPC3 delivers swift data handling and responsiveness for demanding workloads.

Designed for extreme durability, its sleek, silver anodised aluminium housing ensures efficient passive cooling and superior protection in harsh conditions, operating flawlessly from 0°C to 50°C and 20-80% non-condensing humidity. Comprehensive connectivity includes 2x USB 3.2, 6x USB 2.0 (4 front-facing), HDMI, VGA, Gigabit Ethernet (1000 Mbps), and audio ports, allowing seamless integration into any setup.

The Thinvent IPC3 offers ultimate flexibility, shipping without an OS so you can install your preferred operating system. This compact (200mm × 184mm × 52mm), RoHS and ISO certified solution with a 2-metre power cable is ready to drive your innovation.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	8 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
RS485 Option	1

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	2.45kg, 2.87kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE				
IPC3-i3_12-[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	
	Thinux = Thinux™ Embedded Linux		U = Ubuntu Linux	
Accessories	0 = None		4S = Quad DB9 Serial	

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