

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

8GB DDR4 RAM

2TB SSD

Dual Band WiFi

Without OS

SKU: IPC3-I3_13-8-M2048-12_5-M-W-OS-0



Conquer Every Challenge: The Indestructible Heart of Your Industrial Operations.

Introducing the Thinvent® Industrial PC IPC3, featuring the Intel® Core™ i3-1315U processor – a powerhouse engineered for relentless 24x7 performance in the most demanding environments. This rugged, fanless solution is 100% designed in India, embodying unparalleled durability and reliability for your industrial and IoT applications.

Unrivalled Performance

- Powered by a 6-core Intel® Core™ i3-1315U processor, clocking up to 4.5 GHz with a 10 MB cache, it delivers blazing-fast computation.
- Seamless multitasking and data processing are assured with 8GB DDR4 RAM.
- Store vast amounts of critical data on the integrated 1TB SSD, providing rapid access and robust storage for any application.

Built for the Edge

- Its fanless design ensures silent operation and superior reliability in dusty or harsh conditions, operating flawlessly from 0°C to 50°C.
- The sleek, silver anodised aluminium housing (200mm × 184mm × 52mm) provides exceptional protection and efficient heat dissipation.

- Certified with RoHS and ISO, ensuring compliance and quality.
- Dual Band Wi-Fi 5 (802.11ac) and Gigabit Ethernet (1000 Mbps) offer versatile and robust networking.

Comprehensive Connectivity

- Expand your setup with ease using a full array of ports: 1 HDMI, 1 VGA, Speaker Out, Mic In.
- Extensive USB support includes 2 USB 3.2, 2 USB 2.0, and 4 convenient front USB 2.0 ports.
- Power it reliably with the included 12V 7A adapter (2-metre cable), supporting a wide 100~275V AC input.

Your Custom Solution

- Delivered without OS, the IPC3 offers ultimate flexibility, enabling you to deploy your preferred operating system or specialized embedded software effortlessly.

The Thinvent® Industrial PC IPC3 is more than a computer; it's a foundation for unwavering industrial control and intelligent IoT deployment.



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	8 GB
SSD Storage	2048 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	Without OS
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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	
	m2048 = 2TB			
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS		W_OS = Without OS	
	11V = Windows 11 IoT Value		11P = Windows 11 Pro	
	110 = Windows 11 Professional		Thinix = Thinix™ Embedded Linux	
	U = Ubuntu Linux			
Accessories	0 = None		4S = Quad DB9 Serial	

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