



Thinvent Industrial PC IPC3

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

128GB SSD

Dual Band WiFi

Thinux Embedded Linux

SKU: IPC3-I3_13-16-M128-12_5-M-THINUX-0



Thinvent® IPC3: Uncompromising Power, Unwavering Reliability, Designed for India's Industries.

Unleash robust performance in the harshest environments with the Thinvent® Industrial PC IPC3. This rugged, fanless solution, 100% designed and engineered in India, is built for 24x7 operation in industrial and IoT applications. Its durable anodised silver aluminium housing ensures longevity and superior thermal management.

Performance Powerhouse

Driven by an Intel® Core™ i3-1315U processor with 6 cores, clocking up to 4.5 GHz and featuring a 10 MB cache, the IPC3 handles demanding tasks with ease. Coupled with 8GB DDR4 RAM and a lightning-fast 1TB SSD, it provides rapid data access and seamless multitasking, essential for critical operations.

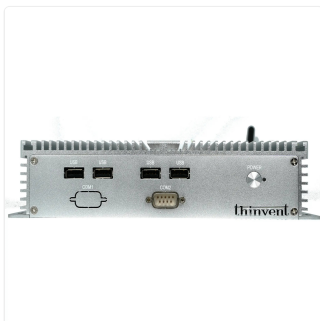
Connectivity & Control

Stay connected with dual-band Wi-Fi 5 and Gigabit Ethernet. Multiple USB ports (2x USB 3.2, 2x USB 2.0, 4x front USB 2.0) and versatile display outputs (HDMI, VGA) offer extensive peripheral compatibility. The integrated Thinvent® Thinux™ Embedded Linux OS provides

- Seamless web browsing with Chromium and Mozilla Firefox
- Advanced remote display via RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH
- Convenient browser-based remote management and VNC shadowing
- Support for Java, Python, and glibc based applications
- Essential productivity with LibreOffice and PDF viewer
- Multimedia playback and SIP video/voice over IP capabilities

Built for Extremes

Engineered to operate reliably from 0°C to 50°C with non-condensing humidity, this compact (200x184x52mm) industrial PC is RoHS and ISO certified. The 12V DC 7A power adapter, with a wide 100-275V AC input range, ensures stable operation. The Thinvent® IPC3 is your dependable partner for mission-critical industrial 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	16 GB
SSD Storage	128 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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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		
	Thinux = Thinux™ Embedded Linux	U = Ubuntu Linux		
Accessories	0 = None	4S = Quad DB9 Serial		

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