Thinvent Industrial PC IPC3

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

512GB SSD

No WiFi

Thinux Embedded Linux

SKU: IPC3-I3_13-16-M512-12_5-X-THINUX-0

Unleash Unyielding Performance: The Thinvent® IPC3 Industrial PC.

Experience unparalleled reliability with the Thinvent® Industrial PC IPC3, a rugged, fanless powerhouse engineered for continuous 24x7 operation in the most demanding industrial and IoT environments. Proudly 100% designed in India, its anodised silver aluminium housing ensures exceptional durability, a sleek finish, and a compact footprint of just 200mm × 184mm × 52mm.

Core Performance

Powered by an Intel® Core™ i3-1315U processor featuring 6 cores and blazing speeds up to 4.5 GHz with a 10 MB cache, the IPC3 delivers robust computational power. Coupled with 64GB of DDR4 RAM and a lightning-fast 512GB SSD, it offers seamless multitasking and rapid data access for critical applications.

Connectivity and Durability

Designed for unwavering stability, the IPC3 features a reliable 1000 Mbps wired Ethernet connection, ensuring secure and consistent data flow without WiFi. Its comprehensive I/O includes

- 2x USB 3.2 ports
- 6x USB 2.0 ports (2 rear, 4 front)
- HDMI and VGA outputs for versatile display options
- Speaker Out and Mic In for audio integration

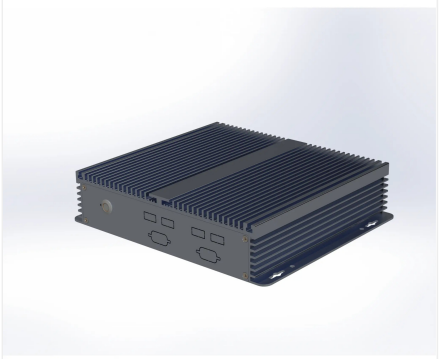
This unit is built to thrive in harsh conditions, operating flawlessly from 0°C to 50°C with 20-80% non-condensing humidity, and supports flexible power input (100~275 Volts AC).

Operating System Excellence

Pre-installed with Thinvent® Thinux™ Embedded Linux, a purpose-built OS optimized for performance and security, the IPC3 offers a rich set of features out-of-the-box

- Browsing: Chromium and Mozilla Firefox web browsers
- Remote Access: RDP 10 (RemoteFX, H.264/AVC), Putty, SSH for secure remote display, and VNC shadowing with browser-based remote management
- Productivity: LibreOffice suite and PDF viewer
- Development: Java, Python, and glibc based application support
- Multimedia: Integrated multimedia player with MPEG4 support
- Communication: SIP video and voice over IP capabilities

With RoHS and ISO certifications, the Thinvent® IPC3 is the robust, high-performance solution you need to drive your critical operations forward.



Thinvent Industrial PC 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

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.

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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
	64 = 64GB DDR4			
SSD	**m128** = 128GB		**m256** = 256GB	
	m32 = 32GB		**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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