



# Thinvent Industrial PC IPC3

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM

## 32GB SSD

## No WiFi

## Without OS

SKU: IPC3-I3\_13-16-M32-12\_5-X-W\_OS-0



Master the Edge: Unrivaled Rugged Performance, Engineered for Extremes.

Unlock ultimate reliability with the Thinvent® Industrial PC IPC3, a 100% designed-in-India fanless powerhouse built for relentless 24x7 operation in the harshest industrial and IoT environments. Its robust, anodised silver aluminum housing (200mm × 184mm × 52mm) provides exceptional durability, dust, and debris resistance, ensuring consistent performance where standard PCs fail.

### Core Strength

- Command complex tasks with the Intel® Core™ i3-1315U processor (6 cores, up to 4.5 GHz, 10 MB cache), engineered for sustained high performance.
- Experience unparalleled multitasking with a substantial 64GB DDR4 RAM.
- Boost productivity with a rapid 256GB SSD for swift data access and application loading.

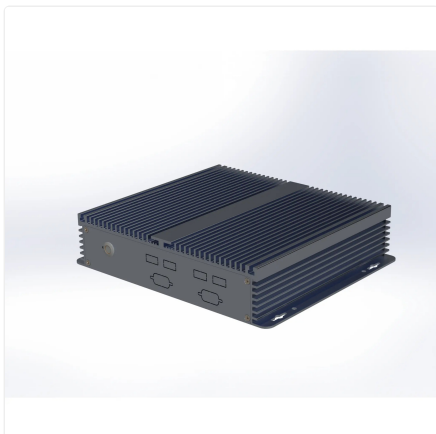
### Built for Reliability

- Operate confidently across a wide temperature range: 0°C to 50°C.

- Withstand challenging humidity: 20% to 80% RH, non-condensing.
- Fanless design ensures silent, maintenance-free operation and enhanced longevity in critical setups.
- RoHS and ISO certifications underscore its quality and environmental commitment.

### Seamless Integration

- Extensive connectivity for your industrial ecosystem: 1x HDMI, 1x VGA, 2x USB 3.2, 6x USB 2.0 (2 rear, 4 front), 1x 1000 Mbps Ethernet.
  - Audio flexibility: 1x Speaker Out, 1x Mic In.
- Powerful and efficient 12V 7A DC input, supported by a
- wide-range 100~275V AC adapter.
  - Supplied without OS, granting you the freedom to install your ideal industrial operating system. No WiFi for enhanced wired security and stability.



## Specifications

### PROCESSING

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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	32 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1

### CONNECTIVITY

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USB 3.2	2
USB 2.0	2
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232

### NETWORKING

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Ethernet	1000 Mbps
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### POWER

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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

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Operating Temperature	0°C ~ 50°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	RoHS, ISO

### PHYSICAL

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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

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Operating System	Without OS
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## Ordering Information

PRODUCT CODE	
<b>IPC3-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>	
RAM	<b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4 <b>64</b> = 64GB DDR4
SSD	<b>m128</b> = 128GB <b>m256</b> = 256GB <b>m32</b> = 32GB <b>m512</b> = 512GB <b>m1024</b> = 1TB
Wireless	<b>m</b> = Dual Band WiFi <b>X</b> = No WiFi
OS	<b>DOS</b> = DOS <b>W_OS</b> = Without OS <b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro <b>Thinux</b> = Thinux™ Embedded Linux <b>U</b> = Ubuntu Linux
Accessories	<b>0</b> = None <b>4S</b> = Quad DB9 Serial

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

**R&D and Manufacturing**  
 #11 Sports Complex  
 Salvador Do Mundo  
 North Goa - 403101, India

**Sales**  
 UGF-10-A Omaxe Gurgaon Mall  
 Sector 49, Sohna Road  
 Gurgaon - 122018, India

