Thinvent 15" Industrial Panel PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

8GB DDR4 RAM

2TB SSD

No WiFi

Windows 11 Professional

Thinvent Keyboard and Mouse set

SKU: PPC15-I3_13-8-M2048-12_7-X-11O-KM

Big performance for the factory floor.

The Thinvent® 15" Industrial Panel PC brings 13th generation Intel® Core™ i3 power to your production line, control room, or customer-facing terminal. With six cores responding in an instant, it keeps up with demanding applications without making you wait.

Where it belongs

- Shop floor terminals running MES or SCADA software
- Kiosks and self-service points in busy public spaces
- Machine control stations where reliability matters
- Laboratory and testing benches needing a dependable display

Why teams choose it

- The 15 inch screen with wide viewing angles stays readable from almost anywhere in the room, so operators see what they need without crowding the panel.
- Aluminium housing stands up to everyday industrial environments, and fanless passive cooling means fewer moving parts to wear out.
- Windows 11 Professional comes ready to deploy with your existing software stack.
- A full set of ports, including dual USB 3.2 and Gigabit Ethernet, connects to the equipment you already own.
- The included Thinvent® keyboard and mouse set means you are up and running the moment you unbox.

  Whether you are replacing an ageing terminal or fitting out a new line, this panel PC delivers the responsiveness your operators notice and the dependability your maintenance team appreciates.

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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

Screen Size	15 inch
Resolution	1024 × 768
Brightness	350 nits
Viewing Angle	Horizontal 178°, Vertical 178°
HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps

POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

ENVIRONMENTAL

Ingress Protection	IP65

PHYSICAL

Form Factor	Panel PC
Thermal Design	Fanless Passive Cooling
Dimensions	370mm × 290mm × 55mm
Housing Material	Aluminium
Net and Gross Weight	5.17kg, 5.75kg

ACCESSORIES

Keyboard and Mouse	1

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional

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Ordering Information

PRODUCT CODE

`PPC15-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	
	11O = Windows 11 Professional		**Thinux** = Thinux™ Embedded Linux	
	U = Ubuntu Linux			
Accessories	**0** = None		**KM** = Keyboard and Mouse set	
	MK = Mechanical Keyboard		**Mo** = Wired Optical Scroll Mouse	

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