



Thinvent 15" Industrial Panel PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

No WiFi

Without OS

SKU: PPC15-I3_12-16_16-M1024-12_7-X-W_OS-0



Big performance for the factory floor.

Why the Thinvent 15" Industrial Panel PC belongs on your line

- The 12th generation Intel Core i3-1215U processor with six cores and speeds up to 4.4 GHz keeps your production dashboards, machine interfaces and shop floor terminals responsive all shift long.
 - A 15 inch panel with 350 nits of brightness and wide viewing angles stays readable across the workstation, so operators can check status at a glance without leaning in.
 - Fanless passive cooling in an aluminium housing means fewer moving parts to wear out, making it a natural fit for dusty workshops, food processing areas and other environments where reliability matters.
 - Essential industrial connectivity is built in, including RS485, dual Ethernet at 1000 Mbps and a mix of USB ports, so you can link PLCs, sensors, scales and legacy equipment without extra adapters.
 - The 4 GB memory and 128 GB SSD combination gives you a dependable, low maintenance platform for kiosks, HMI replacement, production tracking and access control desks.
 - Choose your own operating system and configure the machine to match your existing software stack, rather than rebuilding around a locked down platform.
- If you need a panel PC that turns up, boots up and keeps your operation visible, this is the one to specify.



Thinvent 15" Industrial Panel PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	1024 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
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
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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
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PHYSICAL

Form Factor	Panel PC
Thermal Design	Fanless Passive Cooling
Dimensions	370mm × 290mm × 55mm
Housing Material	Aluminium
Net and Gross Weight	4.72kg, 5.30kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

PPC15-i3_12-[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

m512 = 512GB

m2048 = 2TB

m256 = 256GB

m1024 = 1TB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

MK = Mechanical Keyboard

KM = Keyboard and Mouse set

Mo = Wired Optical Scroll Mouse

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