USER MANUAL

Thinvent® 15" Industrial Panel PC

PPC15-i5_13-8-m128-12_7-m-U-0



Edition November 2026

Serial number: _____

Thinvent Technologies Private Limited · www.thinvent.in

Contents

1. Before you start	3
2. What is in the box	3
3. Specifications	3
4. Ports and controls	4
5. Setting up	4
6. Using the computer	4
7. Operating system	4
8. Care	4
9. Troubleshooting	4
10. Support	5

1. BEFORE YOU START

The Thinvent 15 inch Industrial Panel PC is a computer and a 15 inch screen in one aluminium housing. It has no fan, it is cooled passively, and it is rated IP65. The screen is 1024 × 768 pixels, 350 nits, with a viewing angle of 178° horizontally and vertically. It suits the shop floor, control rooms and kiosks.

- Keep the vents clear, and keep the computer away from water and direct sunlight.
- Use only the power adapter that came with the panel PC.
- Save your work before you shut down. Unsaved work is lost.

Files for this computer and the latest edition of this manual are on the Thinvent Support Downloads page: www.thinvent.in/support/downloads. Enter the serial number or the order number of your computer.

2. WHAT IS IN THE BOX

- Thinvent 15" Industrial Panel PC
- 12 V power adapter with a 2 metre cable

3. SPECIFICATIONS

Processing	
Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	8 GB
SSD Storage	128 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band
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	4.65kg, 5.23kg

Operating System

Operating System	Ubuntu Linux 24.04 LTS

4. PORTS AND CONTROLS

Ports

The computer has these ports:

#	Port	Description
1	HDMI	
2	VGA	
3	USB 3.2 (2)	
4	USB 2.0 (2)	
5	Speaker out	
6	Mic in	
7	Ethernet (RJ45)	1000 Mbps

5. SETTING UP

Connect and switch on

1. Place the panel PC where you will use it.
2. Connect the cable of the power adapter to the DC power socket.
3. Plug the power adapter into a power outlet.
4. Connect the keyboard and mouse to the USB ports, and the network cable to the Ethernet port if you use a wired network.
5. Press the power button to switch on the panel PC.

6. USING THE COMPUTER

Shut down

1. Save your work and close your programs.
2. Click the power icon at the top right corner of the screen, choose Power Off / Log Out, then choose Power Off.
3. If the panel PC does not respond, hold the power button until it switches off.

7. OPERATING SYSTEM

This computer comes with Ubuntu Linux 24.04 LTS.

8. CARE

- Switch off the panel PC and unplug the power adapter before you clean it.
- Wipe the screen with a soft, lint-free cloth moistened with an alcohol-free glass cleaner.
- Do not spray liquid on the panel PC and do not use strong solvents.

9. TROUBLESHOOTING

The panel PC does not switch on

1. Check that the power adapter is plugged firmly into the panel PC and into the outlet.
2. Plug a different device into the same outlet to test it.
3. Disconnect every USB device and the network cable.
4. Hold the power button for 15 seconds until the panel PC switches off, then press it once to switch on.
5. If it still does not start, contact Thinvent Support with the serial number.

The screen is blank

1. Press the power button to switch on the panel PC.
2. Touch a key or move the mouse in case the panel PC is asleep.
3. If you use a second screen on the HDMI or VGA port, check that its cable is firmly connected.

The panel PC does not respond

1. As a last step, hold the power button until the panel PC switches off, then switch it on again.

10. SUPPORT

Support Downloads	www.thinvent.in/support/downloads
Email	support@thinvent.in
Phone	+91-11-411-71494
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