

# R15IAD7T-PMC3

15" Intel® Core™ i9/i7/i5/i3 (Alder Lake S) Panel Mount Panel PC



CE

FC

## KEY FEATURES

- 15" 1024 x 768 Resolution Panel Mount PC
- 12th Gen Intel® Core™ Alder Lake S i9 / i7 / i5 / i3 processor
- 2 x SODIMM, DDR5 4800MHz, support up to 64GB (Max. 32GB for each slot)
- Integrated Dual 2.5 Gigabit Ethernet
- Multi display supports DP 1.4a / HDMI 2.0b (Optional)
- Multiple I/Os, 4 x USB 3.2 Gen2x1, 2 x Serial Ports
- 12 V DC Power input

## INTRODUCTION

Winmate Panel Mount Panel PC Series delivers robust computing performance and versatility for industrial applications. Available in sizes from 6" to 24", these wide, rectangular PCs support multiple operating systems and offer high-resolution displays. Featuring extensive I/O options, dual Ethernet, and flexible storage configurations, they ensure seamless integration into industrial and commercial systems. Built for reliability and efficiency, they are ideal for factory automation, control systems, and interactive kiosks, combining power and adaptability in a compact design.

## SPECIFICATIONS

### Display

|                       |                                                                                         |                         |                |
|-----------------------|-----------------------------------------------------------------------------------------|-------------------------|----------------|
| <b>Resolution</b>     | 1024x768                                                                                | <b>Size</b>             | 15.0 inches    |
| <b>Contrast Ratio</b> | 2000:1                                                                                  | <b>Panel Brightness</b> | 300.0 nits     |
| <b>View Angles</b>    | 88,88,88,88                                                                             | <b>Active Area</b>      | 304.1x228.1 mm |
| <b>Touch / Glass</b>  | Resistive Touch Screen (Optional)<br>Protection Glass Without Touch Function (Optional) |                         |                |

### System Specification

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |                                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>WLAN</b>                | Support (Optional)                                                                                                                                                                                                                                                                                                                                                                                              | <b>BT</b>       | Support (Optional)                                                                                                                    |
| <b>Processor</b>           | Intel® Core™ i3-12100TE(up to 4.00GHz)<br>Intel® Core™ i5-12500TE(up to 4.3GHz) (Optional)<br>Intel® Core™ i7-12700TE(up to 4.6GHz) (Optional)<br>Intel® Core™ i9-12900TE(up to 4.80GHz) (Optional)<br>Intel® Core™ i3-14100T(up to 4.4GHz) (Optional)<br>Intel® Core™ i5-14500T(up to 4.8GHz) (Optional)<br>Intel® Core™ i7-14700T(up to 5.2GHz) (Optional)<br>Intel® Core™ i9-14900T(up to 5.5GHz) (Optional) | <b>Chipset</b>  | Intel® R680E                                                                                                                          |
| <b>Memory</b>              | 2 x SO-DIMM, DDR5 4800 MHz, 8GB<br>16GB (Optional)<br>32GB (Optional)<br>64GB (Optional)                                                                                                                                                                                                                                                                                                                        | <b>Storage</b>  | 1 x M.2 2280 M-Key NVMe SSD 256GB<br>512GB (Optional)<br>1TB (Optional)<br>2TB (Optional)<br>2 x SATA III for 2.5" SSD/HDD (Optional) |
| <b>Ethernet controller</b> | 2 x Intel® Ethernet Controller                                                                                                                                                                                                                                                                                                                                                                                  | <b>Security</b> | TPM 2.0                                                                                                                               |
| <b>Operating System</b>    | Windows 11 IoT Enterprise (64 bit) (Optional)<br>Windows 11 Pro 64 bit (Optional)<br>Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)                                                                                                                                                                                                                                                                |                 |                                                                                                                                       |

## Mechanical

|                |                                      |           |               |
|----------------|--------------------------------------|-----------|---------------|
| Dimension      | 400 x 320 x 79 mm                    | Weight    | 4.2 kg        |
| Mounting       | Panel mount<br>VESA mount (Optional) | Enclosure | Metal Housing |
| Cooling System | Fan Design                           | Cut out   | 359 x 273 mm  |

## Environment

|                     |                               |                       |             |
|---------------------|-------------------------------|-----------------------|-------------|
| Operating Humidity  | 10% to 90% RH, Non-Condensing | Operating Temperature | 0°C to 50°C |
| Storage Temperature | -10°C to 60°C                 |                       |             |

## Certification

|               |         |
|---------------|---------|
| Certification | CE, FCC |
|---------------|---------|

## IO Ports

|             |                                                |                |                                                                                                                         |
|-------------|------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------|
| Power Input | 1 x 12V DC, Din4 pin connector                 | USB Port       | 4 x USB 3.2 Gen2x1 (10Gbps, TypeA) (R680E/Q670E version)<br>4 x USB 3.2 Gen1x1 (5Gbps, TypeA) (H610E version)           |
| Serial Port | 1 x RS232/422/485 (Default RS232)<br>1 x RS232 | Video          | 1 x DP1.4a DP++ , Max resolution up to 4096x2160@60Hz<br>1 x HDMI 2.0b , Max resolution up to 4096x2160@60Hz (Optional) |
| Audio       | Mic in<br>Line out                             | Expansion Port | 1 x M.2 2280 M-Key Slot (for NVME SSD)<br>1 x M.2 2230 E-Key Slot (for Wi-Fi module)                                    |
| LAN         | 2 x 2.5 Giga LAN RJ45 Connector                |                |                                                                                                                         |

## Control

|        |                                      |
|--------|--------------------------------------|
| Button | 1 x Power Button<br>1 x Reset Button |
|--------|--------------------------------------|

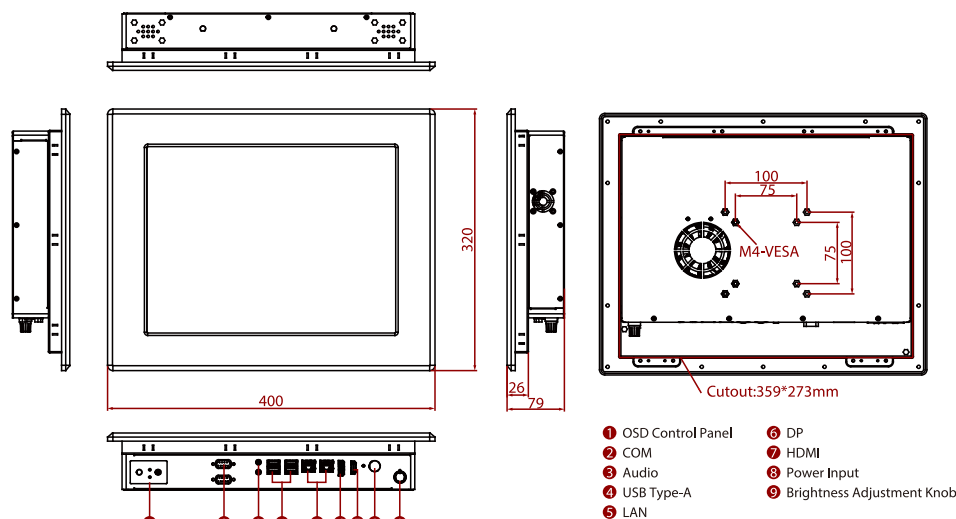
## Accessory

|           |                                                                          |
|-----------|--------------------------------------------------------------------------|
| Accessory | 100~240V AC to DC Adapter<br>Power Cord<br>VESA screws<br>Mounting clips |
|-----------|--------------------------------------------------------------------------|

## Power

|              |        |         |          |
|--------------|--------|---------|----------|
| Power Rating | 12V DC | Adapter | 12V 220W |
|--------------|--------|---------|----------|

## DIMENSIONS UNIT:MM



## NOTE

- 1.This is a simplified drawing and some components are not marked in detail.
- 2.Please contact our sales representative if you need further product information.
- 3.All specifications are subject to change without prior notice.
- 4.The product shown in this datasheet is a standard model.For diagrams that contain customized or optional I/ O, please contact the Winmate Sales Team for more information.

# Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



## AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

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### PRŮMYSLOVÉ POČÍTAČE

fanless embedded PC, do racku, ...



### POČÍTAČE S DISPLEJEM

panelové PC, terminály, do vozidel, ...



### AUTOMATIZACE A SBĚR DAT

převodníky, karty, moduly, switche, ...



### PERIFERIE A KOMPONENTY

monitory, klávesnice, desky, skříně, ...



### NOTEBOOKY A TABLETY

odolné, windows, android, IP65, ...



### INFORMAČNÍ KIOSKY

interiérové, venkovní, ...



### MEDICÍNSKÁ TECHNIKA

počítače, tablety, LCD, klávesnice, ...



### SOFTWAREVÁ ŘEŠENÍ

pro výrobu, zaměstnance, kiosky, ...



### PŘEJÍT DO E-SHOPU

[eshop.autocont-ipc.cz](http://eshop.autocont-ipc.cz)



### DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



### PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



### ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



### SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.