

# R08IAN3S-CHT1WT

8.4" Intel® Alder Lake-N N100 Chassis Wide Temperature Panel PC



## KEY FEATURES

- 8.4" SVGA TFT LCD
- Intel® Alder Lake-N N100 Processor
- 1 x SO-DIMM DDR5-4800, max. 16GB
- 2 x 2.5 Gigabit Ethernet
- Supports 1 x HDMI, 1 x USB 3.2 Type-C with DP-Alt, 2 x USB 3.2 Gen 2 Type-A, 4 x USB 2.0, 4 x COM
- Wide Temperature Chassis Panel PC
- Supports VESA Mount

## INTRODUCTION

Winmate Chassis Panel PC Series offers robust and versatile solutions for industrial applications, available in sizes from 7" to 24". Designed for reliability, these PCs feature a wide range of operating systems, advanced display interfaces, and front IP65 protection. With multiple I/O options, support for DP, HDMI, LVDS, and eDP interfaces, and flexible storage configurations, they are ideal for control rooms, kiosks, and factory automation. The rugged design and wide operating temperature range ensure durability in challenging environments.

## SPECIFICATIONS

### System Specification

#### Mechanical

<b>Dimension</b>	236 x 190 x 60 mm	<b>Weight</b>	2.2 kg
<b>Mounting</b>	VESA mount	<b>Enclosure</b>	Metal Housing
<b>Cooling System</b>	Fanless Design		

#### Environment

<b>Operating Humidity</b>	30% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	-20°C to 60°C
<b>Storage Temperature</b>	-25°C to 65°C		

#### Certification

<b>Certification</b>	CE, FCC
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#### IO Ports

<b>Power Input</b>	1 x 12V DC, 2.5φ DC jack	<b>USB Port</b>	2 x USB3.2 Gen1x1 (Type-A) 1 x USB 3.2 Gen 2x1 Type C connector, support DP Alt. mode
<b>Serial Port</b>	1 x RS232/422/485 (Default RS232) 1 x RS232	<b>Video</b>	1 x HDMI 2.0b (Optional)
<b>Audio</b>	2 x Speaker	<b>Expansion Port</b>	1 x M.2 2280 M-Key Slot (for NVMEI SSD) 1 x M.2 2230 E-Key Slot (for Wi-Fi module)
<b>LAN</b>	2 x 2.5 Giga LAN RJ45 Connector	<b>Indicator</b>	1 x LED Indicator for power 1 x LED Indicator for storage
<b>Brightness Knob</b>	1 x Brightness Adjustment Knob		

## Control

<b>Button</b>	1 x Power Button 1 x Reset Button
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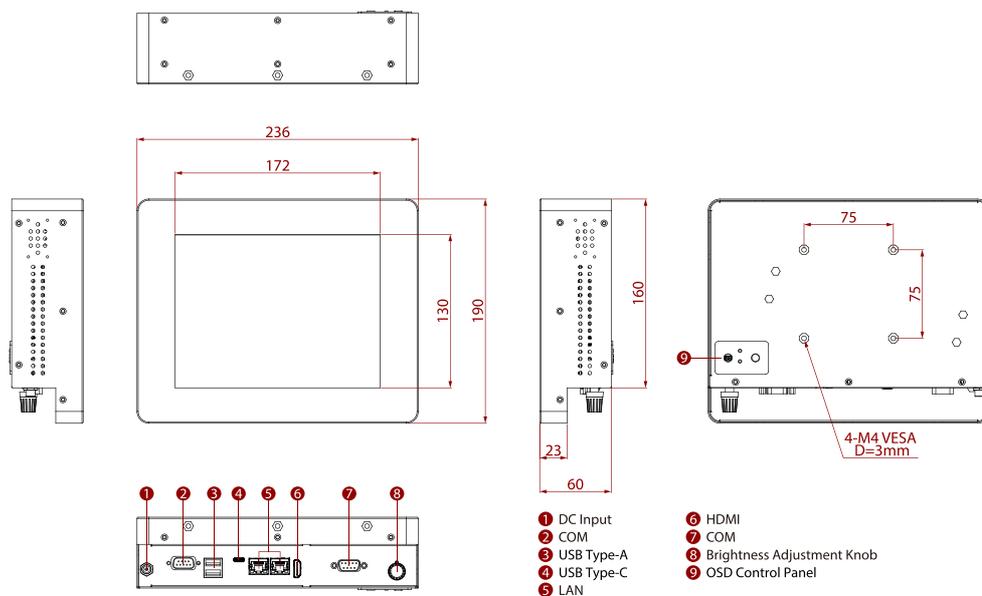
## Accessory

<b>Accessory</b>	100~240V AC to DC Adapter Power Cord VESA screws
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## Power

<b>Power Rating</b>	12V DC	<b>Adapter</b>	12V 50W
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## DIMENSIONS UNIT:MM



## NOTE

1. This is a simplified drawing; 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.