

# R12IP7T-CHM2WT

## 12.1" Intel® Pentium® N4200 Chassis Wide Temperature Panel PC



### KEY FEATURES

- Intel® Pentium® N4200 Apollo Lake Processor 1.10 GHz
- Flexible storage devices, one 2.5-inch HDD and one SSD socket
- Multiple I/Os, 2 x Serial Ports, 4 x USB 3.0 Ports
- 12 V DC Power input
- Front IP65DP Support 4096 x 2160 @ 60 Hz
- HDMI Support 3840 x 2160 @ 30 Hz

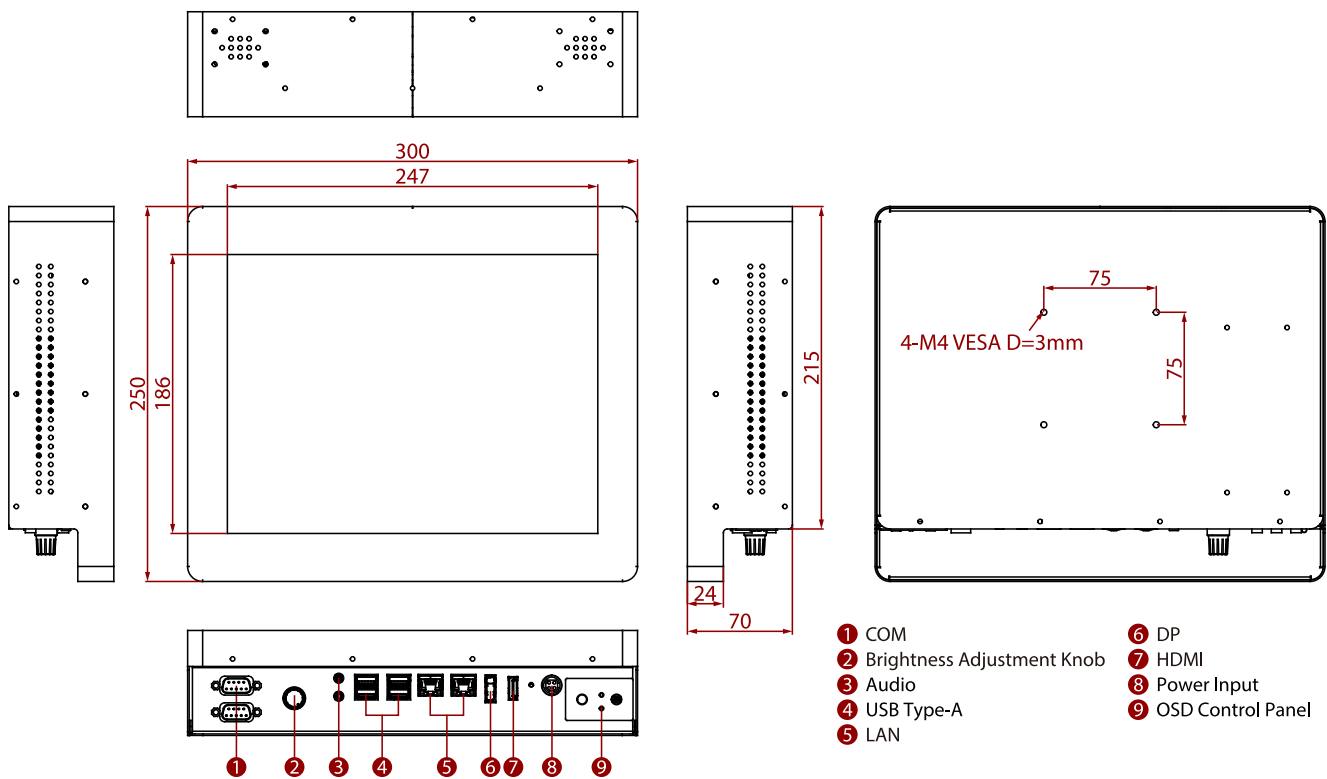


### SPECIFICATIONS

Display			
Resolution	1024x768	Size	12.1 inches
Contrast Ratio	1000:1	Panel Brightness	500.0 nits
View Angles	89, 89, 89, 89	Active Area	245.76x184.32 mm
Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)		
System Specification			
Processor	Intel Pentium N4200 1.1GHz (up to 2.5GHz)	Memory	2 x SODIMM, DDR3L 1866 MHz, 4GB 8GB (Optional)
Storage	1 x M.2 2242 SSD 128GB 256GB (Optional) 512GB (Optional) 2 x SATA III for 2.5" SSD/HDD (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Security	TPM 2.0	Operating System	Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)
WLAN	Support (Optional)	BT	Support (Optional)
Mechanical			
Dimension	300 x 250 x 70 mm	Weight	3.5 kg
Mounting	VESA Mount	Enclosure	Metal Housing
Cooling System	Fanless design		
Environment			
Operating Humidity	30% to 90% RH, Non-Condensing	Operating Temperature	-20°C to 60°C
Storage Temperature	-25°C to 65°C		
Certification			
Certification	CE, FCC		
IO Ports			
Power Input	1 x 12V DC, Din4 pin connector	USB Port	4 x USB3.2 Gen1x1 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232	Video	1 x DP1.2 1 x HDMI 1.4 (Optional) 1 x VGA (Optional)

<b>Audio</b>	1 x Mic in 1 x Line out 2 x Speaker	<b>Expansion Port</b>	1 x M.2 2242 B-key Slot (for SATA III SSD) 1 x M.2 2230 E-Key Slot (for Wi-Fi module) 1 x PCIe 2.0 (x1) slot
<b>LAN</b>	2 x 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		
<b>Control</b>			
<b>Button</b>	1 x Power Button 1 x Reset Button		
<b>Accessory</b>			
<b>Accessory</b>	100~240V AC to DC Adapter Power Cord VESA screws		
<b>Power</b>			
<b>Power Rating</b>	12V DC	<b>Adapter</b>	12V 50W

## DIMENSIONS UNIT:MM



## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. 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.
3. All specifications are subject to change without prior notice.