

R10IP7T-IPA1WT

10.4" Intel® Pentium® N4200 Front IP65 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
- DP Support 4096 x 2160 @ 60 Hz
- HDMI Support 3840 x 2160 @ 30 Hz

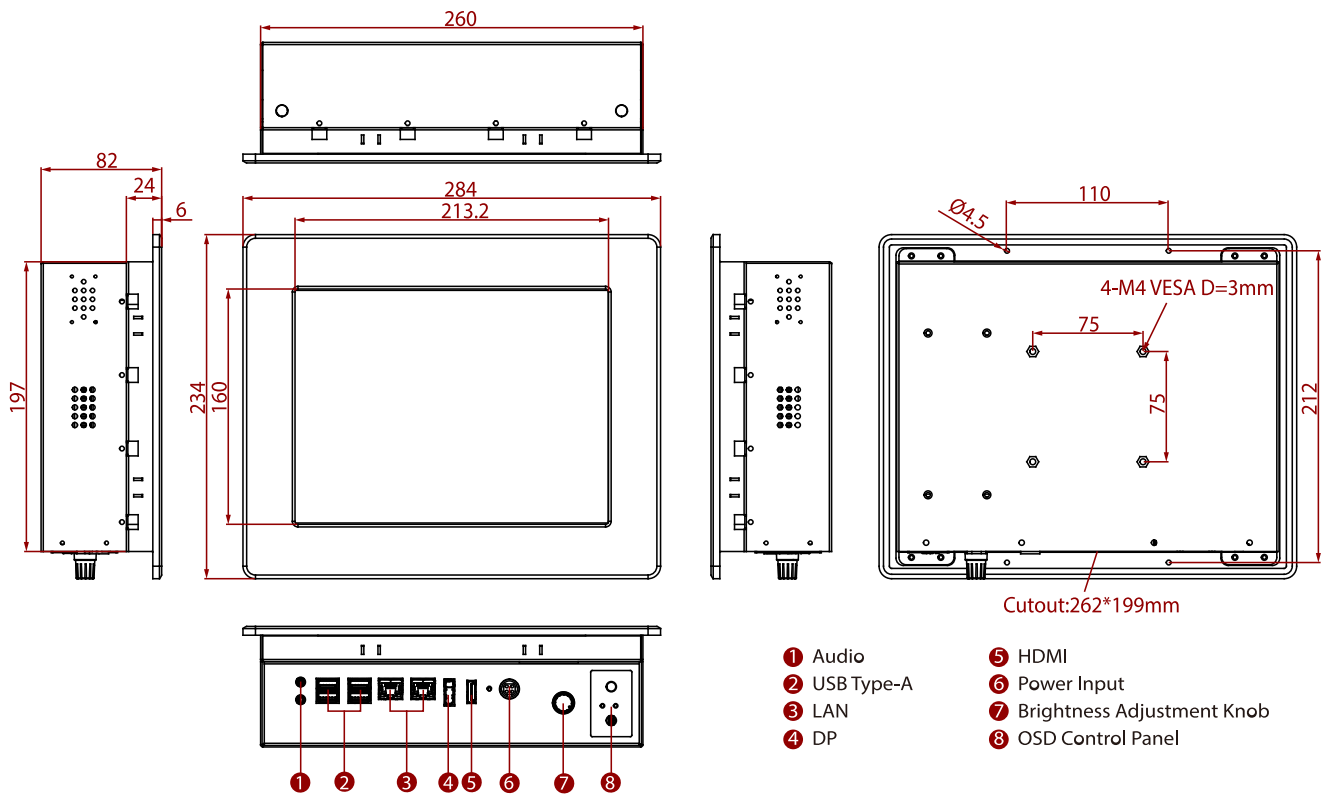


SPECIFICATIONS

Display	
Resolution	800x600
Contrast Ratio	700:1
View Angles	80,80,70,60
Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)
Size	10.4 inches
Panel Brightness	400.0 nits
Active Area	211.2x158.4 mm
System Specification	
Processor	Intel Pentium N4200 1.1GHz (up to 2.5GHz)
Storage	1 x M.2 2242 SSD 128GB M.2 2242 SSD up to 512GB (Optional)
Security	TPM 2.0
WLAN	Support (Optional)
Memory	2 x SODIMM, DDR3L 1866 MHz, 4GB 8GB (Optional)
Ethernet controller	2 x Intel® Ethernet Controller
Operating System	Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)
BT	Support (Optional)
Mechanical	
Dimension	284 x 234 x 82 mm
Enclosure	Metal Housing
Cut out	262 x 199mm
Mounting	Open Frame Panel Mount VESA Mount
Cooling System	Fanless design
Environment	
Operating Humidity	30% to 90% RH, Non-Condensing
Storage Temperature	-30°C to 70°C
Operating Temperature	-20°C to 60°C
IP rating	Front IP65
Certification	
Certification	CE, FCC
IO Ports	
Power Input	1 x 12V DC, Din4 pin connector
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232
USB Port	4 x USB3.2 Gen1x1 (Type-A)
Video	1 x DP1.2 1 x HDMI 1.4 (Optional) 1 x VGA (Optional)

Audio	1 x Mic in 1 x Line out 2 x Speaker	Expansion Port	2 x M.2 slot(1 for WiFi, 1 for SSD) 1 x PCIe 2.0 x1 (Optional)
LAN	2 x Giga LAN RJ45 Connector	Indicator	1 x LED Indicator for power 1 x LED Indicator for storage
Brightness Knob	1 x Brightness Adjustment Knob		
Control			
Button	1 x Power Button 1 x Reset Button		
Accessory			
Accessory	100~240V AC to DC Adapter Power Cord VESA screws Mounting clips		
Power			
Power Rating	12V DC	Adapter	12V 50W

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.