

R10IP7T-CHA1WT

10.4" Intel® Celeron® N2930 Chassis Wide Temperature Panel PC



CE

FC

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

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

Display

Resolution	800x600	Size	10.4 inches
Contrast Ratio	700:1	Panel Brightness	400.0 nits
View Angles	80,80,70,60	Active Area	211.2x158.4 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	Dual-channel (non-ECC) SO-DIMM RAM.Up to 16GB
Storage	128GB SSD(Default) (Default) 256GB SSD (Optional) 512GB SSD (Optional) 1TB 2 x SATA III for 2.5" SSD/HDD(Supprt RAID) (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)

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
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IO Ports

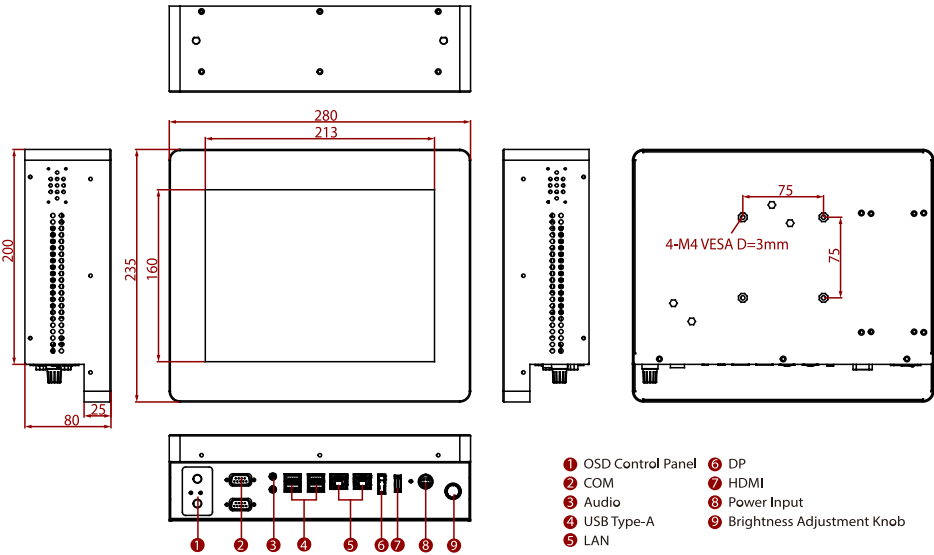
Power Input	1 x 12V DC, Din4 pin connector	USB Port	4 x USB3.2 Gen1x1 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232	Video	1 x DP1.2 (Default) 1 x HDMI 1.4 (Optional) 1 x VGA (Optional)
Audio	1 x Mic in 1 x Line out 2 x Speaker	Expansion Port	1 x M.2 2242 B-key Slot (for SATA III SSD) 1 x M.2 2230 E-Key Slot (for Wi-Fi module) 1 x PCIe 2.0 (x1) slot
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		

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.