R15IP7T-PPC3
15" Intel® Pentium® N4200 PP Series HMI Panel PC

KEY FEATURES

- 15", 1024 x 768, 300 nits
- Projected capacitive multi-touch screen
- Intel® Pentium® Apollo Lake N4200, 1.10 GHz
- Fanless cooling system and ultra-low power power consumption
- Front IP65 water and dust proof
- Aluminum housing and fanless design
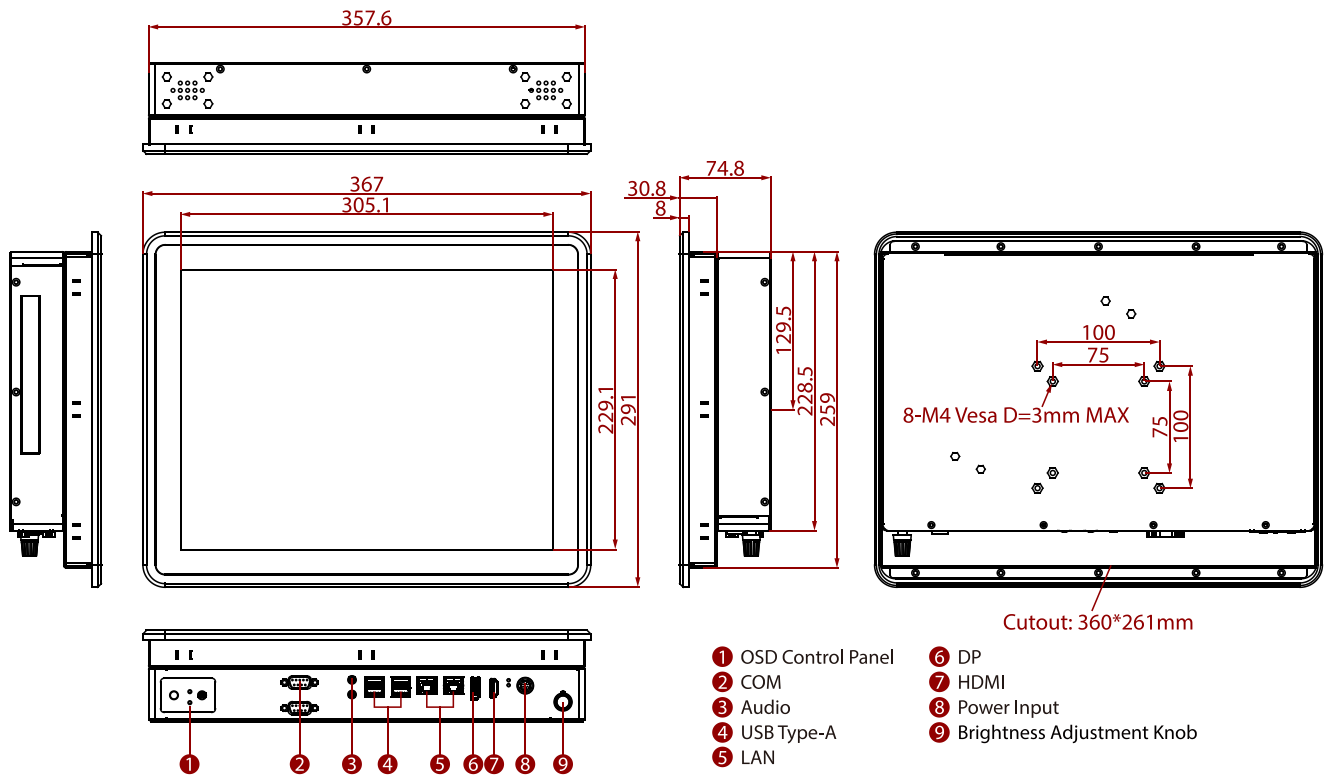- Room booking schedule, access control, room information display

CE FC

SPECIFICATIONS

Display

Resolution	1024x768	**Size**	15.0 inches
Contrast Ratio	2000:1	**Panel Brightness**	300.0 nits
View Angles	88,88,88,88	**Active Area**	304.1x228.1 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		

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 M.2 2242 SSD up to 512GB (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	367 x 291 x 74.8 mm	**Mounting**	Panel mount VESA Mount
Enclosure	Metal Housing	**Cooling System**	Fanless design
Cut out	360 x 261mm		

Environment

Operating Humidity	10% to 90% RH, Non-Condensing	**Operating Temperature**	0°C to 50°C
Storage Temperature	-10°C to 60°C	**IP rating**	Front IP65

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)
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

357.6

367
305.1
229.1
291

30.8
8
74.8
129.5
228.5
259

100
75
8-M4 Vesa D=3mm MAX
75
100

Cutout: 360*261mm

❶ OSD Control Panel   ❻ DP
❷ COM   ❼ HDMI
❸ Audio   ❽ Power Input
❹ USB Type-A   ❾ Brightness Adjustment Knob
❺ LAN

❶ ❷ ❸ ❹ ❺ ❻❼ ❽ ❾

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.

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