

W15IE3S-PTA3-POE

15.6" Intel® Celeron® N6211 PT Series HMI Industrial Panel PC



CE

FC

KEY FEATURES

- 15.6" 1920 x 1080 with PCAP touchscreen all in one computers
- Intel® Celeron® Elkhart Lake N6211 1.20 GHz
- Fanless cooling system and ultra low power consumption
- Front IP65 for protection against water and dust
- Plastic housing
- A true flat, easy-to-clean front surface with edge-to-edge design
- Support PoE

INTRODUCTION

Winmate PT Series HMI offers a versatile solution for industrial automation, available in sizes from 15" to 24". Designed for various operating systems, it features low power consumption, a fanless cooling system, and supports Windows or Android OS. Its trueflat, edgetoedge design ensures easy cleaning, while front IP65 protection safeguards against water and dust. With PCAP touchscreen options and multiple I/O ports, including LAN, USB, and CANBUS, the PT Series HMI is ideal for manufacturing, process control, and smart factory applications.

SPECIFICATIONS

Display

Touch / Glass	Projected Capacitive Multi Touch Screen	Resolution	1920x1080
Size	15.6 inches	Contrast Ratio	800:1
Panel Brightness	400.0 nits	View Angles	85,85,85,85
Active Area	344.16x193.59 mm		

System Specification

Processor	Intel® Celeron® N6211 (up to 3.0GHz)	Memory	4GB(Default) 8GB (Optional) 16GB (Optional)
Storage	128GB SSD(Default) 256GB SSD (Optional) 512GB SSD (Optional) 1TB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)		

Environment

Operating Humidity	10% to 90% RH	Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 60°C	IP rating	IP65

Certification

Certification	CE, FCC
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Mechanical

Dimension	388 x 233 x 40 mm	Mounting	VESA mount
Enclosure	Plastic	Cooling System	Fanless Design

IO Ports

USB Port	2 x USB3.2 Gen2x1 (Type-A)	Serial Port	1 x RS232/422/485 (Default RS232)
Video	1 x Micro HDMI (Optional)	Audio	2x 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)	LAN	2 x Intel® Ethernet Controller
Indicator	Power LED Indicator		

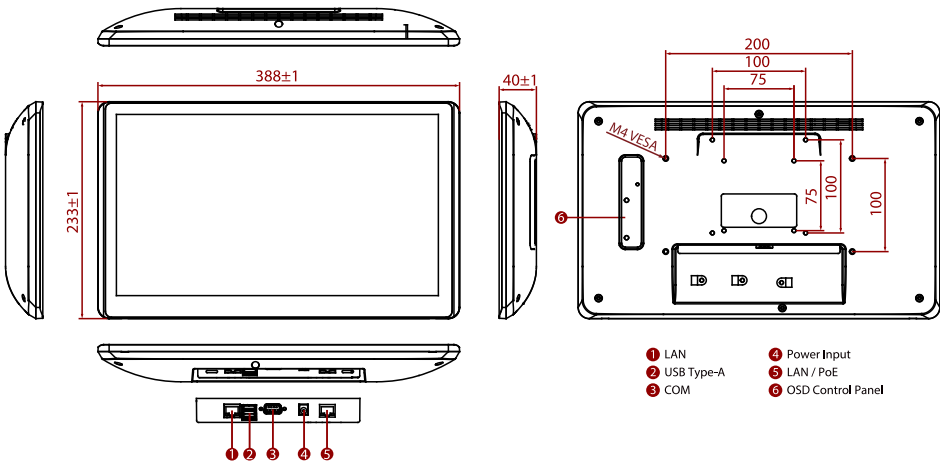
Power

Power Rating	12V DC with Terminal Block	POE	Power Device (PD), follows IEEE 802.3at (25 W)
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Control

Button	1 x Power Button 1 x Reset Button
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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.
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