

R15IE3S-PTC3-POE

15" Intel® Celeron® N6211 Touch Panel Computers



KEY FEATURES

- 15" 1024 x 768 with PCAP touch panel computers
- Low power consumption with Intel® Celeron® N6211, 1.20 GHz
- Fanless cooling system and ultra-low power consumption
- Front IP65 for protection against water and dust
- A true flat, easy-to-clean front surface with edge-to-edge design
- Optional for Glass
- 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 and a fanless cooling system and supports Windows or Android OS. Its true flat, edge-to-edge 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

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 (Default) Anti-glare Coating (Optional)		

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)		

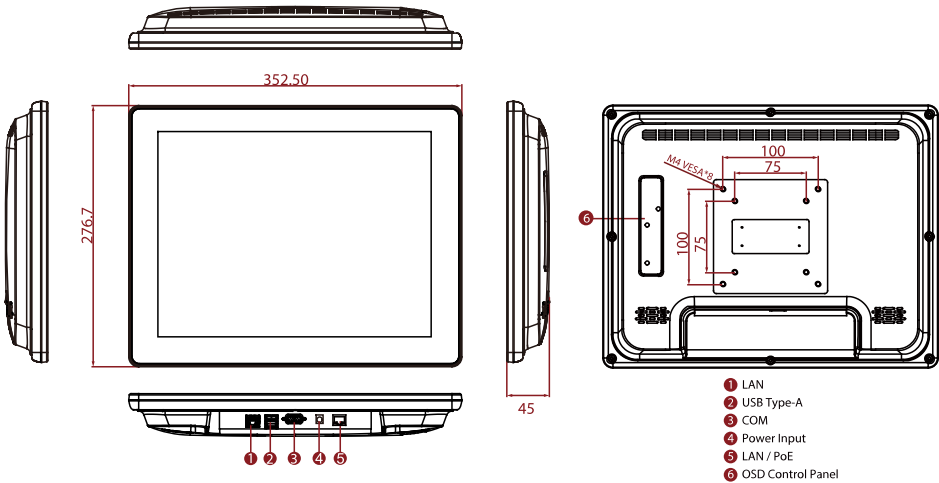
Environment

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		
Mechanical			
Dimension	352.5 x 276.7 x 45 mm	Weight	2.41 kg
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		
Accessory			
Accessory	Quick Start Guide(Hardcopy) AC Adapter 12V/50W Power Cord		
Power			
Power Rating	12V DC with Terminal Block	POE	Power Device (PD), follows IEEE 802.3at (25 W)
Control			
Button	1 x Power Button 1 x Reset Button		

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.
- * Some images or content on this page are created or enhanced using generative AI technology. All AI-generated content has been reviewed before publication.