W10IE3S-PCH2LB

10.1" Intel® Celeron® N6211 S Series HMI Panel PC

CE FC

KEY FEATURES

- 10.1" 1280x800 resolution 350nits panel with PCAP multi-touch screen
- Intel® Celeron® Elkhart Lake N6211 Processor
- Fanless cooling system and ultra-low power consumption
- Dual 2.5 igabit Ethernet
- All-around LED status light bar
- Front IP65 water and dust proof
- Optional 2 MP Front Camera
- Optional HF RFID Reader
- Stylish design for room booking, access control and room information applications

INTRODUCTION

Winmate S-Series HMI offers a stylish and versatile solution for modern automation and control applications. Available in sizes from 7" to 15", this wide rectangular Panel PC supports Power over Ethernet, multiple processors, and operating systems like Windows and Android. With optional HF RFID reader and built-in RGB LED light bar, it is perfect for room booking, access control, and room information systems. Designed with front IP65 water and dust resistance, it delivers durability and sleek aesthetics for industrial and commercial environments.

SPECIFICATIONS

Display

Resolution	1280x800	**Size**	10.1 inches
Contrast Ratio	800:1	**Panel Brightness**	350.0 nits
View Angles	85,85,85,85	**Active Area**	216.96x135.6 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		

System Specification

WLAN	Support (Optional)	**BT**	Support (Optional)
RFID	HF RFID Reader 13.56 MHz (Optional)	**Light Bar**	Built-in All-Around RGB LED Light Bar
Processor	Intel® Celeron® N6211 (up to 3.0GHz)	**Memory**	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional)
Storage	1 x M.2 2242 B-Key SSD 128GB 256GB (Optional) 512GB (Optional)	**Ethernet controller**	2 x Intel® Ethernet Controller
Security	TPM 2.0	**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)

Mechanical

Dimension	265 x 173 x 38 mm	**Weight**	1.2 kg
Mounting	Wall mount VESA mount (Optional)	**Enclosure**	Metal Housing
Cooling System	Fanless Design	**Cut out**	250x159mm

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, 3-Pin Terminal Block	**USB Port**	2 x USB3.2 Gen1x1 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232)	**Audio**	1 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)	**LAN**	2 x 2.5 Giga LAN RJ45 Connector

Accessory

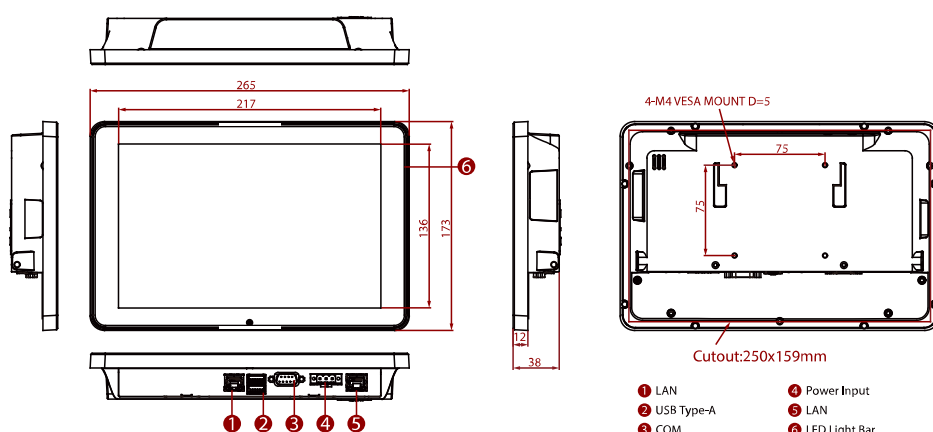|			
Accessory	100~240V AC to DC Adapter Power Cord Terminal Block to 2.5Ø Female Adapter Cable Open Wire Cable with terminal block connector VESA screws	**Optional Accessory**	VESA Desk Stand (99KK00A0000E or 9B0000000412 or 9B0000000128) (Optional) Front Side Wall Mount Kit (99KK00A0000C) (Optional) Glass Wall Mount Kit (Right side-99KN00A00010, Left side-99KN00A00011) (Optional) VESA bracket mounting kit (IB/IP/IE-98K000A0009L, FA-98K000A000AJ) (Optional)

Power

Power Rating	12V DC 10~60V (Optional)	**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.

❶ LAN
❷ USB Type-A
❸ COM
❹ Power Input
❺ LAN
❻ LED Light Bar