

W10IM3S-PCH2LB-PoE

10.1" ARM A53 S Series HMI Panel PC



KEY FEATURES

- 10.1" 1280 x 800 Resolution with Projected Capacitive Multi-Touch (PCAP)
- Supports PoE function
- All-around LED status light bar
- Optional HF RFID Reader
- Stylish design for room booking, access control and room information applications
- Support Android or Linux operating system

INTRODUCTION

Winmate S Series HMI is a versatile and robust solution for industrial automation and control applications, offering display sizes from 7" to 15". With PoE functionality and multi-OS support for Windows, Android, and Linux, it ensures seamless integration into various systems. Featuring PCAP touch and an all-around LED light bar, it enhances usability and visibility. Built with a front IP65 rating for water and dust resistance, it is ideal for harsh environments. Optional HF RFID integration adds convenience for secure access control, making the S Series HMI a reliable choice for smart and connected industries.

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	ARM A53 (Quad Core 2.0GHz)	Memory	4GB LPDDR4
Storage	eMMC: Onboard 32 GB	Operating System	Android 11 (Upgradeable to Android 13) Linux Yocto 5.10.104 with QT 5.15 (Optional) Linux Ubuntu Server 22.04 (Optional)

Mechanical

Dimension	265 x 173 x 38 mm	Weight	1.2 kg
Mounting	Panel mount VESA mount (Optional)	Enclosure	Plastic Front Bezel with Metal Back Cover
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	-20°C to 60°C	Shock	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I	IP rating	Front IP65

Certification

Certification	CE, FCC
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IO Ports

USB Port	2 x USB 2.0 Type A 1 x Micro USB 2.0 OTG	Serial Port	1 x RS232/422/485 (Default RS232)
SD Card Slot	1 x Micro SD card slot (Max to 32GB)	Video	1 x Micro HDMI Output (Optional)
Audio	1 x Speaker	LAN	1 x LAN 10/100/1000 Mbps

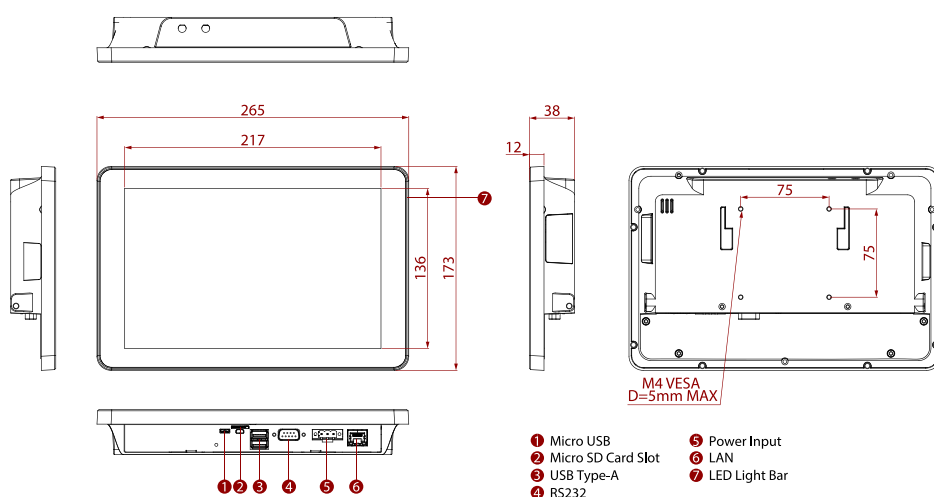
Accessory

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
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Power

Power Rating	12V DC with Terminal Block 9~36V (Optional)	Adapter	12V 50W
POE	PoE (PD): follows IEEE 802.3at (25 W)		

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.

Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

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převodníky, karty, moduly, switche, ...



PERIFERIE A KOMPONENTY

monitory, klávesnice, desky, skříně, ...



NOTEBOOKY A TABLETY

odolné, windows, android, IP65, ...



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interiérové, venkovní, ...



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Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.