

R17ITWS-MHM1

17" Intel® Core™ i5-1135G7 M Series HMI Panel PC



CE

FC

KEY FEATURES

- Intel® 11th Generation Tiger Lake UP3 Core™ i5 CPU
- Signature true flat display screen with edge-to-edge design
- Aluminum, anti-corrosion treated housing
- Superior sealing with front IP65 protection against dust and water
- Projected Capacitive Multi-Touch Screen (PCAP)
- Fanless Design
- Support wide range 9-29 V DC input
- One Quick & Easy Removable 2.5" SSD Bay Slot

INTRODUCTION

Winmate M Series HMI offers a versatile and durable solution for industrial and commercial applications, with screen sizes ranging from 12.1" to 24". Powered by Intel® 11th Generation Tiger Lake UP3 Core™ i5 CPUs, it supports multiple OS options and features a true flat, edge-to-edge PCAP touch display for seamless user interaction. Built with an anti-corrosion aluminum housing and front IP65 protection, it withstands dust, water, and harsh environments. Its modular design allows easy upgrades or replacements, while the fanless architecture ensures quiet, reliable operation. Ideal for demanding settings requiring flexibility and durability.

SPECIFICATIONS

Display

Resolution	1280x1024	Size	17.0 inches
Contrast Ratio	1000:1	Panel Brightness	350.0 nits
View Angles	85,85,80,80	Active Area	337.920x270.336 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		

System Specification

WLAN	Support (Optional)	BT	Support (Optional)
Expansion Port	Modular Design for easy service in the field	Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)
Memory	2 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)	Storage	1 x M.2 2280 NVMe SSD, 128GB up to 512GB 2 x 2.5" Removable 256GB SSD up to 512GB (Optional)
Ethernet controller	Intel® Ethernet Controller I211-AT + Intel® Ethernet Connection I219-LM	Security	Trusted Platform Module (TPM) 2.0
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)		

Mechanical

Dimension	393 x 325 x 94.4 mm	Weight	7.0 kg
Mounting	Panel mount VESA Mount	Enclosure	Metal Housing
Cooling System	Fanless design	Cut out	373 x 305 mm

