



W07MG3S-EHT1 7" ARM A78+A55 E Series HMI Panel PC

Manufacturer part number: W07MG3S-EHT1 | HMI (P-CAP Touch)



Explore Winmate W07MG3S-EHT1, an HMI panel PC featuring 7-inch display with 1920x1080 resolution, IP65 for machine control and factory automation.

Display	
Size	7.0 inches
Touch / Glass	Projected Capacitive Multi Touch Screen
Resolution	1024x600
Panel Brightness	320.0 nits
Contrast Ratio	1000:1
View Angles	75,75,75,70
Active Area	153.6x90 mm
System Specification	
Processor	ARM 2 x A78 2.0GHz + 4 x A55 2.0GHz
Memory	4GB LPDDR4
Storage	Onboard 32 GB
Operating System	Android 13 (Default), Linux Yocto 5.15.47 with QT 5.15 (Optional), Linux Ubuntu 22.04 (Optional)
Mechanical	
Dimension	185 x 128 x 56 mm
Cut out	175x118mm
Weight	0.9 kg
Mounting	Panel mount, VESA mount
Enclosure	Plastic Housing
Cooling System	Fanless Design
Environment	
Operating Humidity	10% to 90% RH, Non-Condensing
Operating Temperature	0 deg C to 50 deg C
Storage Temperature	-20 deg C to 60 deg 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
IO Ports	
USB Port	2 x USB 2.0 Type A , 1 x USB 2.0 Type C (OTG)
Serial Port	1 x RS232/422/485 (Default RS232)
LAN	1 x LAN 10/100/1000 Mbps (Default), PoE(PD, 802.3at) (Optional)
Video	1 x Micro HDMI Output (Optional)
SD Card Slot	1 x Micro SD card slot
Accessory	
Accessory	100~240V AC to DC Adapter, Power Cord, VESA screws, Mounting clips
Power	
Power Rating	12V DC with Terminal Block (Default), 24V (Optional)
Adapter	12V 50W