



R15IM3S-EHC3 15" ARM A53 E Series HMI Panel PC

Manufacturer part number: R15IM3S-EHC3 | HMI (P-CAP Touch)



Explore Winmate R15IM3S-EHC3, an HMI panel PC featuring 15-inch display with 1920x1080 resolution, IP65 for machine control and factory automation.

Display	
Size	15.0 inches
Touch / Glass	Projected Capacitive Multi Touch Screen
Resolution	1024x768
Panel Brightness	300.0 nits
Contrast Ratio	2000:1
View Angles	88,88,88,88
Active Area	304.1x228.1 mm
System Specification	
Processor	ARM A53 (Quad Core 2.0GHz)
Memory	4GB LPDDR4
Storage	eMMC: Onboard 32 GB
Operating System	Android 11 (Upgradeable to Android 13) (Default), Linux Yocto 5.15.47 with QT 5.15 (Optional), Linux Ubuntu Server 22.04 (Optional)
Mechanical	
Dimension	367 x 291 x 65.8 mm
Cut out	342x261mm
Weight	3.0 kg
Mounting	Panel mount, VESA mount
Enclosure	Metal Front Bezel with Plastic Back Cover
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 Micro USB 2.0 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 (Max to 32GB)
Accessory	
Accessory	100~240V AC to DC Adapter, Power Cord, VESA screws, Mounting clips
Power	
Power Rating	12V DC with Terminal Block
Adapter	12V 50W