



R15IM3S-PTC3 15" ARM A53 PT Series HMI Panel PC

Manufacturer part number: R15IM3S-PTC3 | HMI (P-CAP Touch)



Explore Winmate R15IM3S-PTC3, an HMI panel PC featuring 15-inch display with 1024x768 resolution, IP65 for machine control and factory automation.

Display	
Size	15.0 inches
Touch / Glass	Projected Capacitive Multi Touch Screen
Resolution	1024x768
Panel Brightness	350.0 nits
Contrast Ratio	800:1
View Angles	80,80,70,80
Active Area	304.128x228.096 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)
Environment	
Operating Humidity	10% to 90% RH, Non-Condensing
Operating Temperature	0 deg C to 50 deg C
Storage Temperature	-10 deg C to 60 deg C
IP rating	Front IP65
Certification	
Certification	CE, FCC
Mechanical	
Dimension	352.5 x 276.7 x 45.45 mm
Mounting	VESA mount
Enclosure	Plastic
Cooling System	Fanless Design
IO Ports	
USB Port	2 x USB 2.0, 1 x USB OTG

Serial Port	1 x RS232(Default)/422/485
LAN	1 x RJ45, Optional PoE(PD, 802.3AT)
Audio	2 x Speaker
SD Card Slot	1 x Micro SD Card Slot (Max to 32GB)
Accessory	
Accessory	Quick Start Guide(Hardcopy) , AC Adapter 12V/50W, Power Cord, 3 Pin Terminal Block to DC Jack
Power	
Power Rating	12V DC with Terminal Block
POE	Power Device (PD), follows IEEE 802.3at (25 W)
Control	
Button	1 x Power Button, 1 x Reset Button