

R12FA3S-PCM2-POE 12.1" NXP i.MX6 S Series HMI Panel PC

Manufacturer part number: R12FA3S-PCM2-POE | HMI (P-CAP Touch)



Explore Winmate R12FA3S-PCM2-POE, an HMI panel PC featuring NXP i.MX6, 12.1-inch display with 1024x768 resolution, IP65 for machine control and factory...

Display	
Size	12.1 inches
Touch / Glass	Projected Capacitive Multi Touch Screen
Resolution	1024x768
Panel Brightness	500.0 nits
Contrast Ratio	1000:1
View Angles	89,89,89,89
Active Area	245.76x184.32 mm
System Specification	
Processor	NXP i.MX6 Dual Core, 1.0GHz
Memory	1GB (Default), 2GB (Optional)
Storage	eMMC: Onboard 16 GB (Default), eMMC: Onboard 32 GB (Optional)
Operating System	Linux Ubuntu 18.04 (Optional), Android 6.0 (Optional), Debian 7.0 (Optional), Linux 4.1.15 QT 5.5 (Optional)
WLAN	Support (Optional)
BT	Support (Optional)
RFID	HF RFID Reader 13.56 MHz (Optional)
Mechanical	
Dimension	296 x 227 x 46 mm
Cut out	282x207mm
Weight	3.0 kg
Mounting	Wall mount (Default), VESA mount (Optional)
Enclosure	Metal 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	-10 deg C to 60 deg C

IP rating	Front IP65
Certification	
Certification	CE, FCC
IO Ports	
USB Port	1 x Console Port (Mini USB), 1 x USB OTG, 1 x USB2.0 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232)
LAN	1 x LAN RJ45 Connector with PoE(PD, 802.3 at)
Video	, 1 x Micro HDMI (Optional)
Audio	1 x Speaker
SD Card Slot	1 x Micro SD card slot
Expansion Port	1 x mPCIe slot(for Wi-Fi module)
CANBUS	1 x CANBUS, D-sub9
Power Input	1 x 12V DC, 2-Pin Terminal Block
Accessory	
Accessory	100~240V AC to DC Adapter, Power Cord, Terminal Block to 2.50 Female Adapter Cable, Open Wire Cable with terminal block connector, VESA screws
Optional Accessory	VESA Desk Stand (9B0000000412) (Optional)
Power	
Power Rating	12V DC
Adapter	12V 50W
POE	PoE (PD): follows IEEE 802.3at (25 W)