



R06IAN3S-IPA1 6.5" Intel(R) Twin Lake N150 Front IP65 Panel PC

Manufacturer part number: R06IAN3S-IPA1 | Industrial Panel PCs (Resistive Touch)



Explore Winmate R06IAN3S-IPA1, an industrial panel PC featuring 6.5-inch display, IP65 for machine control and factory automation.

Display	
Size	6.5 inches
Touch / Glass	Resistive Touch Screen (Optional), Protection Glass Without Touch Function (Optional)
Resolution	640x480
Panel Brightness	700.0 nits
Contrast Ratio	600:1
View Angles	80,80,70,70
Active Area	132.48x99.36 mm
System Specification	
Processor	Intel(R) Processor N150 6M Cache, up to 3.60 GHz
Memory	8GB (Default), 16GB (Optional)
Storage	128GB SSD (Default), 256GB SSD (Optional), 512GB SSD (Optional), 1TB (Optional), 2TB (Optional), 1 x SATA III for 2.5" SSD/HDD up to 2TB(Only available when NVME SSD is not present) (Optional)
Ethernet controller	2 x Intel(R) 2.5 Gigabit Ethernet Controller
Security	TPM 2.0
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional), Windows 11 Pro 64 bit (Optional), Linux Ubuntu 24.04(Do not support Wake on Touch) (Optional)
Mechanical	
Dimension	218 x 164 x 55.6 mm
Cut out	192 x 144 mm
Weight	1.4 kg
Mounting	Panel 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	2 x USB3.2 Gen1x1 (Type-A), 1 x USB 3.2 Gen 2x1 Type C connector,support DP Alt. mode
Serial Port	1 x RS232/422/485 (Default RS232), 1 x RS232
LAN	2 x 2.5 Giga LAN RJ45 Connector
Video	1 x HDMI 2.0b (Optional)
Audio	2 x Speaker
Expansion Port	1 x M.2 2230 E-Key Slot (for Wi-Fi module)
Indicator	1 x LED Indicator for power, 1 x LED Indicator for storage
Power Input	1 x 12V DC, 2.5? DC jack
Control	
Button	1 x Power Button, 1 x Reset Button
Accessory	
Accessory	100~240V AC to DC Adapter, Power Cord, VESA screws, Mounting clips
Power	
Power Rating	12V DC
Adapter	12V 50W