

W18IF7T-IPA2 18.5" Intel(R) Core(TM) i3/i5/i7 (Coffee Lake Refresh) Front IP65 Panel PC

Manufacturer part number: W18IF7T-IPA2 | Industrial Panel PCs (Resistive Touch)



Explore Winmate W18IF7T-IPA2, an industrial panel PC featuring Intel(R) Core(TM) i3/i5/i7, 18.5-inch display with 1366x768 resolution...

Display

Size	18.5 inches
Touch / Glass	Resistive Touch Screen (Optional), Protection Glass Without Touch Function (Optional)
Resolution	1366x768
Panel Brightness	450.0 nits
Contrast Ratio	1000:1
View Angles	85,85,80,80
Active Area	409.8X230.4 mm

System Specification

Processor	Intel Core i7-9700TE 1.8GHz (up to 3.8GHz) (Default), Intel Core i5-9500TE 2.2GHz (up to 3.6GHz) (Optional), Intel Core i3-9100TE 2.2GHz (up to 3.2GHz) (Optional)
Chipset	Intel(R) Q370
Memory	2 x non-ECC SO-DIMM RAM, up to 64GB (32GB per DIMM)
Storage	128GB SSD(Default), 256GB SSD (Optional), 512GB SSD (Optional), 1TB (Optional), 2TB, 2 x SATA III for 2.5" SSD/HDD support RAID 0,1 (Optional)
Ethernet controller	2 x Intel(R) Ethernet Controller
Security	TPM 2.0
Operating System	Windows 10 IoT Enterprise (64 bit) (Optional), Linux Ubuntu 20.04 (Optional)
WLAN	Support (Optional)
BT	Support (Optional)

Mechanical

Dimension	520 x 340 x 70 mm
Cut out	462 x 285 mm
Weight	5.3 kg
Mounting	Panel mount (Default), VESA mount (Optional)
Enclosure	Metal Housing
Cooling System	Fan 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	4 x USB3.2 Gen1x1 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232), 1 x RS232
LAN	2 x Giga LAN RJ45 Connector
Video	1 x DP1.2 (Default), 1 x HDMI 1.4 (Optional)
Audio	1 x Mic in, 1 x Line out, 2 x Speaker
Expansion Port	1 x M.2 2280/2242 M-Key Slot (for NVME SSD or SATA III SSD), 1 x M.2 2230 E-Key Slot (for Wi-Fi module), 1 x PCIe 3.0 (x16) slot
Indicator	1 x LED Indicator for power, 1 x LED Indicator for storage
Brightness Knob	1 x Brightness Adjustment Knob
Power Input	1 x 12V DC, Din4 pin connector
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 (Lockable Power Jack)
Adapter	12V 120W