



W18IT3S-MLA3FP 18.5" Intel(R) Core(TM) i5-1135G7 Defence Console Rack Panel PC

Manufacturer part number: W18IT3S-MLA3FP | Defence Panel PCs



Explore Winmate W18IT3S-MLA3FP, a rackmount panel PC featuring Intel(R) Core(TM) i5-1135G7, 18.5-inch display, MIL-STD-810G, MIL-STD-461 for defense operations and...

Display	
Touch / Glass	Projected Capacitive Multi Touch Screen (Default), PCAP with With ITO Film (Optional)
Size	18.5 inches
Resolution	1920x1080
Panel Brightness	500.0 nits
Contrast Ratio	1000:1
View Angles	89,89,89,89
Active Area	408.96x230.04 mm
System Specification	
Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz) (Default), Intel Core i5-1145G7 2.6GHz (up to 4.4GHz) (Optional)
Memory	4GB (Default), 8GB (Optional), 16GB (Optional), 32GB (Optional)
Storage	128GB, up to 2TB
Ethernet controller	2 x Intel(R) Ethernet Controller
Security	TPM 2.0
Operating System	Windows 11 IoT Enterprise SAC (64 bit) (Optional), Windows 10 IoT Enterprise (64 bit) (Optional), Linux Ubuntu 22.04 (Optional)
Environment	
Operating Humidity	10% to 95% RH
Operating Temperature	-20~60 deg C
Storage Temperature	-30 deg C~70 deg C
Vibration	USA: MIL-STD-810H Method 514.8 - Procedure I, , NATO: STANAG 4370/AECTP400 Edition 3 Method AECTP, 401-Procedure I (optional)
Drop	USA: MILSTD810H Method 516.8 , , NATO: STANAG 4370/AECTP400 Edition 3 Method AECTP 404-Procedure II (Optional)
TEMPEST	USA: NSA NSTISSAM TEMPEST/1-92 (optional), NATO: NATO SDIP-27 (optional)
Compliance	
MIL-STD 461G	USA: MIL-STD-461G: CE101, CE102, RE101, RE102, CS118 (default), CS101, CS114, CS115, CS116, RS101, RS103 (optional), , , NATO: STANAG 4370/AECTP-501: NCE01, NCE02, NRE01, NRE02, NCS12 (default), NCS01, NCS07, NCS08, NCS09, NRS01, NRS02 (optional)

MIL-STD 810H

USA: MIL-STD-810H (default): Vibration Method 514.8, Humidity Method 507.6, Transit Drop Method 516.8, , NATO (optional): Vibration Test STANAG 4370/AECTP-401, Shock STANAG 4370/AECTP-402 Procedure I, Drop and Topple Test STANAG 4370/AECTP-404

Certification

Certification CE, FCC

Accessory

Accessory 1 x Manual(Hardcopy), 1 x Driver CD, 1 x Power Cord (MIL-DTL-38999/1)

Mechanical

Dimension 465 x 327 x 75 mm

Mounting VESA mount/Rack mount

Enclosure Metal Housing with Aluminum Bezel

Cooling System Fanless Design

IO Ports

USB Port 2 x USB 3.2 Gen 1

Serial Port 1 x RS232(Default)/422/485

LAN 2 x RJ-45

Video 1 x HDMI 2.0 (Optional)

Power

Power Rating AC 100~240V, Universal, +/-10% (Default), DC 9~36V, +/-10% (Optional)

Control

Button 6 Key OSD Control Pad:, Power/ Brightness DOWN, Brightness UP/, Night, Day/ Exit, Auto/ Menu