

W24IT3S-MLS1-89 24" Intel(R) Core(TM) i7-1165G7 Defence Console Rack Panel PC

Manufacturer part number: W24IT3S-MLS1-89 | Defence Panel PCs



Explore Winmate W24IT3S-MLS1-89, a rackmount panel PC featuring Intel(R) Core(TM) i7-1165G7, 24-inch display with 1920x1200 resolution, MIL-STD-810G...

Display	
Size	24.0 inches
Touch / Glass	AR Protection Glass (Default), EMI ITO Glass (Optional), 5-wire Resistive Touch (Optional), 5-wire Resistive Touch with EMI Mesh Filter (Optional)
Resolution	1920x1200
Panel Brightness	300.0 nits
Contrast Ratio	1000:1
View Angles	89,89,89,89
Active Area	518.4x324.0 mm
System Specification	
Processor	Intel Core i7-1165G7 2.8GHz (up to 4.7GHz)
Memory	4GB (Default), 8GB (Optional), 16GB (Optional), 32GB (Optional)
Storage	1 x M.2 M-Key 2280 NVMe SSD, 128GB (Default), 256GB (Optional), 512GB (Optional), 1TB (Optional), 2TB (Optional), 4TB (Optional)
Ethernet controller	2 x 2.5 Giga LAN RJ45 Connector
Operating System	*Note:Only Windows 11 support Wake on touch, Windows 11 IoT Enterprise (64 bit) (Default), Windows 11 Pro 64 bit (Optional), Windows 10 IoT Enterprise (64 bit) (Optional)
Environment	
Operating Humidity	10% to 95% RH
Operating Temperature	0~50 deg C
Storage Temperature	-10 deg C~60 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

IO Ports

USB Port 1 x USB 2.0 A Type (MIL-DTL-38999/3)

Serial Port 2 x RS-232 (MIL-DTL-38999/3)

LAN 1 x LAN (MIL-DTL-38999/3)

Mechanical

Dimension 609.5 x 399.3 x 76.2 mm

Mounting VESA mount/Rack mount

Enclosure Metal Housing with Aluminum Bezel

Cooling System Fanless Design

Accessory

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

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