

W22IAD3S-MLA3FP 21.5" Intel(R) Core(TM) i5-1235U Defence Console Rack Panel PC

Manufacturer part number: W22IAD3S-MLA3FP | Defence Panel PCs



21.5-inch console rack Panel PC W22IAD3S-MLA3FP. The W22IAD3S-MLA3FP console rack panel pc are durable PCs that have undergone rigorous testing to ensure safety and performance that goes beyond standard military compliance.

Display	
Size	21.5 inches
Touch / Glass	Projected Capacitive Multi Touch Screen (Default), PCAP with With ITO Film (Optional)
Resolution	1920x1080
Panel Brightness	250.0 nits
Contrast Ratio	3000:1
View Angles	89,89,89,89
Active Area	476.64x268.11 mm
System Specification	
Processor	Intel(R) Core(TM) i5-1235U 3.3GHz(up to 4.40 GHz)
Memory	8GB (Default), 16GB (Optional), 32GB (Optional)
Storage	256GB, up to 2TB
Ethernet controller	2 x Intel(R) Ethernet Controller
Security	TPM 2.0
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional), Windows 11 Pro 64 bit (Optional), Linux Ubuntu 22.04(Do not support Wake on Touch) (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

Accessory

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

Mechanical

Dimension 580 x 384 x 71 mm

Mounting Rack mount/VESA mount

Enclosure Metal Housing with Aluminum Bezel

Cooling System Fanless Design

IO Ports

USB Port 2 x USB3.2 Gen2x1 (Type-A)

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

LAN 2 x Intel(R) Ethernet Controller

Video 1 x HDMI (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