

R19IAD3S-RKA3ML 19" Intel(R) Core(TM) i5-1235U Defence Console Rack Panel PC

Manufacturer part number: R19IAD3S-RKA3ML | Defence Panel PCs



19-inch console rack Panel PC R19IAD3S-RKA3ML. The R19IAD3S-RKA3ML 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	19.0 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	1280x1024
Panel Brightness	350.0 nits
Contrast Ratio	1000:1
View Angles	85,85,80,80
Active Area	376.32x301.06 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	-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 514.6, Humidity Method 507.6, Transit Drop Method 516.6, , 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

Mechanical

Dimension 482.6 x 399.3 x 71.4 mm

Mounting Rack mount (Default), Panel mount (Optional), VESA mount (Optional)

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)

Accessory

Accessory User Manual (Hardcopy), CD-ROM with Driver Utility, 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