

R17IT3S-RKA1ML 17" Intel(R) Core(TM)i5-1135G7 Defence Console Rack Panel PC

Manufacturer part number: R17IT3S-RKA1ML | Defence Panel PCs



Explore Winmate R17IT3S-RKA1ML, a rackmount panel PC featuring Intel(R) Core(TM) i5-1135G7, 17-inch display, MIL-STD-810G, MIL-STD-461 for defense operations and...

Display	
Size	17.0 inches
Touch / Glass	AR Protection Glass (Default), 5 Wires Resistive Touch (Optional), 5 Wire Resistive with EMI Mesh Filter (Optional), EMI Glass (Optional)
Resolution	1280x1024
Panel Brightness	350.0 nits
Contrast Ratio	1000:1
View Angles	85,85,80,80
Active Area	337.920x270.336 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 Method516.8, , 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	2 x USB 3.0
Serial Port	1 x RS232/422/485 (Default RS232) (Default), 1 x RS232 (Optional)
LAN	2 x RJ45
Video	1 x HDMI (Optional)
Mechanical	
Dimension	482 x 354 x 80 mm
Mounting	VESA mount/Panel mount
Enclosure	Metal Housing with Aluminum Bezel
Cooling System	Fanless Design
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