

# R19IT3S-RKA3ML 19" Intel(R) Core(TM) i5-1135G7 Defence Console Rack Panel PC

Manufacturer part number: R19IT3S-RKA3ML | Defence Panel PCs



Explore Winmate R19IT3S-RKA3ML, a rackmount panel PC featuring Intel(R) Core(TM) i5-1135G7, 19-inch display, MIL-STD-810G, MIL-STD-461 for defense operations and...

| 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 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            |                                                                                                                                                    |

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| <b>MIL-STD 461G</b>   | 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) |
| <b>MIL-STD 810H</b>   | 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     |
| <b>Certification</b>  |                                                                                                                                                                                                                                                        |
| <b>Certification</b>  | CE, FCC                                                                                                                                                                                                                                                |
| <b>Mechanical</b>     |                                                                                                                                                                                                                                                        |
| <b>Dimension</b>      | 482.6 x 399.3 x 71.4 mm                                                                                                                                                                                                                                |
| <b>Mounting</b>       | VESA mount/Rack mount                                                                                                                                                                                                                                  |
| <b>Enclosure</b>      | Metal Housing with Aluminum Bezel                                                                                                                                                                                                                      |
| <b>Cooling System</b> | Fanless Design                                                                                                                                                                                                                                         |
| <b>IO Ports</b>       |                                                                                                                                                                                                                                                        |
| <b>USB Port</b>       | 2 x USB 3.0                                                                                                                                                                                                                                            |
| <b>Serial Port</b>    | 1 x RS232/422/485 (Default RS232) (Default), 1 x RS232 (Optional)                                                                                                                                                                                      |
| <b>LAN</b>            | 2 x RJ45                                                                                                                                                                                                                                               |
| <b>Video</b>          | 1 x HDMI (Optional)                                                                                                                                                                                                                                    |
| <b>Accessory</b>      |                                                                                                                                                                                                                                                        |
| <b>Accessory</b>      | User Manual (Hardcopy), CD-ROM with Driver Utility, Power Cord MIL-DTL-38999/1                                                                                                                                                                         |
| <b>Power</b>          |                                                                                                                                                                                                                                                        |
| <b>Power Rating</b>   | AC 100~240V, Universal, +/-10% (Default), DC 9~36V, +/-10% (Optional)                                                                                                                                                                                  |
| <b>Control</b>        |                                                                                                                                                                                                                                                        |
| <b>Button</b>         | 6 Key OSD Control Pad:, Power/ Brightness DOWN, Brightness UP/, Night, Day/ Exit, Auto/ Menu                                                                                                                                                           |