

# R17IT3S-MLA1-89 17" Intel(R) Core i7-1165G7 Defence Console Rack Panel PC

Manufacturer part number: R17IT3S-MLA1-89 | Defence Panel PCs



Explore Winmate R17IT3S-MLA1-89, a rackmount panel PC featuring 17-inch display, MIL-STD-810G, MIL-STD-461 for defense operations and field command.

| 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 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 | -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 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 | 482 x 354 x 80 mm |
|-----------|-------------------|

|          |                       |
|----------|-----------------------|
| Mounting | VESA mount/Rack mount |
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|           |                                   |
|-----------|-----------------------------------|
| 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 |
|--------|----------------------------------------------------------------------------------------------|