

# W22IT3S-MLA3FP

## 21.5" Intel® Core™ i5-1135G7 Defence Console Rack Panel PC



### KEY FEATURES

- Intel® Core™ i5-1135G7 2.4 GHz (turbo to 4.2GHz) Processor
- Anti-Corrosion Housing / Fanless
- Projective Touch
- Compliant with MIL-STD-810G/F , MIL-STD-461E/F
- Flush Rack / Rack Mount Mechanical Design (8U)
- Convenient On-Screen Display Controls
- AC 110~240 V Power input default
- Isolation DC 9~36 V Power input (Optional)
- Built-in Light Sensor for auto brightness control



### SPECIFICATIONS

| Display                    |   |                              |   |
|----------------------------|---|------------------------------|---|
| <b>Resolution</b>          | 1920x1080   | <b>Size</b>                  | 21.5 inches   |
| <b>Contrast Ratio</b>      | 3000:1  | <b>Panel Brightness</b>      | 250.0 nits  |
| <b>View Angles</b>         | 89,89,89,89   | <b>Active Area</b>           | 476.64x268.11 mm  |
| <b>Touch / Glass</b>       | Projected Capacitive Multi Touch Screen<br>PCAP with With ITO Film (Optional)   |                              |   |
| System Specification       |   |                              |   |
| <b>Processor</b>           | Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)<br>Intel Core i5-1145G7 2.6GHz (up to 4.4GHz)<br>(Optional)  | <b>Memory</b>                | 1 x SO-DIMM, DDR4 3200 MHz, 4GB<br>8GB (Optional)<br>16GB (Optional)<br>32GB (Optional)   |
| <b>Storage</b>             | 1 x M.2 M-Key 2242 SATA SSD or 1 x M.2 M-Key<br>2280 NVMe SSD<br>128GB<br>256GB (Optional)<br>512GB (Optional)<br>1TB(for NVMe) (Optional)<br>2TB(for NVMe) (Optional)<br>4TB(for NVMe) (Optional)<br>1 x SATA III , up to 2TB (Optional) | <b>Ethernet controller</b>   | 2 x Intel® Ethernet Controller  |
| <b>Security</b>            | TPM 2.0   | <b>Operating System</b>      | Windows 11 IoT Enterprise SAC (64 bit) (Optional)<br>Windows 10 IoT Enterprise (64 bit) (Optional)<br>Linux Ubuntu 22.04 (Optional) |
| Environment                |   |                              |   |
| <b>Operating Humidity</b>  | 10% to 95% RH   | <b>Operating Temperature</b> | 0~50°C  |
| <b>Storage Temperature</b> | -10°C~60°C  |                              |   |
| Compliance                 |   |                              |   |
| <b>MIL-STD 461E/F/G</b>    | RE101 / RE102<br>CE101 / CE102<br>CS118<br>with EMI Glass / Touch(Optional)<br>RS101 / RS 103<br>CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS<br>116  | <b>MIL-STD 810G/H</b>        | Vibration Method 514.6<br>Humidity Method 507.5<br>Transit Drop Method516.6   |

| Certification |  |                |                            |
|---------------|--|----------------|----------------------------|
| Certification | CE, FCC  |                |                            |
| Accessory     |  |                |                            |
| Accessory     | 1 x Manual(Hardcopy)<br>1 x Driver CD<br>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 USB 3.2 Gen 1  | Serial Port    | 1 x RS232(Default)/422/485 |
| Video         | 1 x HDMI (Optional)  | LAN            | 2 x RJ-45                  |
| Power         |  |                |                            |
| Power Rating  | AC 100~240V, Universal, ±10%<br>DC 9~36V, ±10% (Optional)  |                |                            |
| Control       |  |                |                            |
| Button        | 8 Key OSD Control Pad:<br>Power, Brightness DOWN, Brightness UP,<br>Night, Day, Auto / Manual, Reset, Lock |                |                            |

**DIMENSIONS** UNIT:MM

