

# W18IT3S-MLA3FP

## 18.5" 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 , MIL-STD-461E/F/G
- 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



### OVERVIEW



#### Sleek Flush Rack / Rack Mount Mechanical Design

The 18" Defence Console Rack Panel PC boasts a sleek flush rack/rack mount mechanical design, occupying just 8U of space. This compact form factor is optimized for space-constrained environments, allowing for efficient use of limited rack space. Its robust construction and secure mounting system ensure stability during transportation and operation.



#### Convenient On-Screen Display Controls

Designed for user convenience, this panel PC comes equipped with on-screen display controls. Users can easily access and adjust various settings directly on the screen, eliminating the need for external peripherals. This intuitive interface enhances operational efficiency and streamlines user interaction, ultimately improving overall performance.



#### Electromagnetic Compatibility

Meeting the MIL-STD-461E/F standard, this panel PC ensures electromagnetic compatibility, effectively reducing electromagnetic interference and susceptibility. This feature is vital in scenarios where electronic equipment must coexist without hindering each other's performance, guaranteeing reliable communication and data integrity.

### SPECIFICATIONS

Display			
Touch / Glass	Projected Capacitive Multi Touch Screen PCAP with With ITO Film (Optional)	Resolution	1920x1080
Size	18.5 inches	Contrast Ratio	1000:1
Panel Brightness	500.0 nits	View Angles	89,89,89,89
Active Area	408.96x230.04 mm		
System Specification			
Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz) Intel Core i5-1145G7 2.6GHz (up to 4.4GHz) (Optional)	Memory	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)
Storage	1 x M.2 M-Key 2242 SATA SSD or 1 x M.2 M-Key 2280 NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB(for NVMe) (Optional) 2TB(for NVMe) (Optional) 4TB(for NVMe) (Optional) 1 x SATA III , up to 2TB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Security	TPM 2.0	Operating System	Windows 11 IoT Enterprise SAC (64 bit) (Optional) Windows 10 IoT Enterprise (64 bit) (Optional)

**NOTE**

- 1.This is a simplified drawing and some components are not marked in detail.
- 2.Please contact our sales representative if you need further product information.
- 3.All specifications are subject to change without prior notice.
- 4.The product shown in this datasheet is a standard model.For diagrams that contain customized or optional I/ O, please contact the Winmate Sales Team for more information.