

FES8127

Compact military-grade PC with Intel Alder Lake Core i7 1265UE, 2 x USB, 2 x LAN, 1 x HDMI, 1 x DP, MIL-STD compliance, and wide operating temperature.

- ▶ Fully IP67 rated fanless embedded microbox
- ▶ Intel Alder Lake Core i7 1265UE
- ▶ DDR4 64GB, 2.5" SSD 2TB
- ▶ 2 x USB, 2 x LAN, 1 x HDMI, 1 x DP
- ▶ 1x 2.5" removable storage bay
- ▶ Extended working temperature range from -20°C to 60°C
- ▶ MIL-STD-810G environmental compliance
- ▶ MIL-STD-461F EMC compliance
- ▶ 9~36V DC power input (MIL Compliance)



Description

The FES8127 is a compact military-grade PC featuring the Intel Alderlake Core i7 1265UE CPU integrated with the Intel SoC chipset. The embedded computer features 2 x USB, 2 x LAN, 1 x HDMI, 1 x DP, MIL-STD-810G environmental compliance and MIL-STD-461F EMC compliance.

Technical Specifications

SPECIFICATION	VALUE
Construction	Heavy-duty fully IP67-rated enclosure Water / dust proof and anti-corrosion housing
Embedded board	CPU Type: Intel Alder lake Core i7 1265UE Memory: DDR4 64GB, 2.5" SSD 2TB Chipset: Intel SoC Integrated Ethernet: Dual Intel i225V
Storage	1 x 2.5" removable storage bay
System Indicator	1 x Power LED 1 x HDD LED
Connectors	J1 Power connector: 9~36V DC Input w/EMI filter J2 Signal: 2 x USB, 2 x LAN, 1 x HDMI J3: 1 x DP Femal connectors (Power + Signal) without cables

Specifications subject to change without notice.

Power Supply	9~36V DC power input
Weight	TBD
Dimension	9.17"(W) x 8.27"(D) x 2.81"(H)
Environmental	Operating Temperature: -20°C to 60°C (-4°F to 140°F) Storage Temperature: -40°C to 80°C (-40°F to 176°F) Operating Humidity: 5~95%, non-condensing IP Grade: Full IP67 MIL-STD: MIL-STD-810G compliance EMI: MIL-STD-461F compliance
Operating System	No OS

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