

# FES9282

Military-grade embedded PC with the Core i7-6600U 2.6GHz CPU, full IP67 rated rugged enclosure, 10G Base-T Ethernet, and -20° to 65°C wide range working temperature.

- ▶ Fully IP67 rated fanless embedded microbox
- ▶ Intel Core i7-7700T 2.9GHz quad-core CPU
- ▶ 32GB DDR4 2133/2400 MHz memory
- ▶ 1 x M.2 B-key and 1 x 2.5"removable storage bay
- ▶ 3 x USB 2.0, 1 x RS-232, 1 x HDMI output
- ▶ 1 x GbE LAN and 1 x 10G Base-T Ethernet
- ▶ -20°C to 65°C wide range working temperature
- ▶ MIL-STD-810G & MIL-STD-461F compliance
- ▶ 9 to 36V DC power input



## Description

Military-grade embedded computer powered by the Intel Core i7-7700T 2.9GHz quad-core processor with 1 x 10G Base-T Ethernet, 3 x USB ports, 1 x HDMI output, and 1 x RS-232. The embedded computer can be deployed in harsh working environments as it is designed to withstand wide operating temperatures from -20°C to 65°C and has a fully IP67 rated chassis with MIL-STD-810G/461F compliance.

## Technical Specifications

| SPECIFICATION  | VALUE  |
|----------------|--|
| Material       | Full IP67 rugged enclosure   |
| Embedded Board | CPU: Intel Core i7-7700T 2.9 GHz, Quad-Core<br>Chipset: H110/Q170 chipset<br>Memory: DDR4 2133/2400 MHz 32GB<br>Storage: 1 x M.2 B-key, 1 x 2.5"removable storage bay<br>BIOS: AMI 128Mbit Flash<br>WiFi: 802.11 b/g/n/ac (Optional) |
| Ethernet       | Intel i211-AT Ethernet Controller<br>Intel i219-LM Ethernet Connection   |
| I/O Port       | 1 x DC Input - J1 (D38999/24WD5SN)<br>3 x USB 2.0 - J2 (D38999/24WH53SN)<br>1 x RS232 - J2 (D38999/24WH53SN)   |

Specifications subject to change without notice.

|                      |  |
|----------------------|--|
|                      | <ul style="list-style-type: none"> <li>1 x GbE LAN - J2 (D38999/24WH53SN)</li> <li>1 x HDMI output - J2 (D38999/24WH53SN)</li> <li>1 x 10G Base-T Ethernet - J3 (D38999)</li> <li>1 x Power On/Off button</li> <li>1 x Power LED indicator</li> <li>1 x HDD LED indicator</li> </ul> |
| <b>Power Supply</b>  | 9 to 36V DC input  |
| <b>Weight</b>        | 5 to 6 kg / 11 to 13 lb for identity   |
| <b>Dimension</b>     | 90.4 (W) x 9.84 (D) x 3.54 (H) inches<br>250.0 (W) x 250.0 (D) x 90 (H) mm   |
| <b>Environmental</b> | Operating Temperature: -20° to 65°C<br>Operating Humidity: 5% to 95%, non-condensing<br>Storage Temperature: -40°C to 80°C<br>Reliability: MIL-STD-810G compliance<br>EMI: MIL-STD-461F compliance<br>Durability: MIL-STD-810G compliance<br>IP Level: Full IP67                     |

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