

# FES6128

Compact military-grade PC with the Intel Alder Lake Core i7-12700TE CPU, NVIDIA RTX A2000 GDDR6 8GB graphic card, and 4 x USB, 1 x RS232, 1 x LAN, 1 x HDMI, 1 x RJ45 GbE LAN.

- ▶ Fully IP67 rated fanless embedded microbox
- ▶ Intel Alder Lake Core i7-12700TE
- ▶ 64GB RAM, 2.5" SSD 2TB
- ▶ 4 x USB, 1 x RS232, 1 x LAN, 1 x HDMI, 1 x RJ45 GbE LAN
- ▶ NVIDIA RTX A2000 GDDR6 8GB graphic card
- ▶ Extended working temperature range from -10°C to 60°C
- ▶ MIL-STD-810G environmental compliance
- ▶ 19~24V DC power input (MIL Compliance)

## Description

The FES6128 is a compact military-grade PC featuring the Intel Alder Lake Core i7-12700TE CPU with 64GB memory, 2.5 SSD 2TB, and the NVIDIA RTX A2000 GDDR6 8GB graphic card. The embedded computer features 2 x USB2.0, 1 x RS232, 1 x LAN, 1 x HDMI, 1 x RJ45 GbE LAN, 2 x USB3.0 ports.

## Technical Specifications

SPECIFICATION	VALUE
Construction	Heavy-duty fully IP67-rated enclosure
Embedded board	CPU Type: Intel Alder lake Core i7 1265UE Memory: 64GB, 2.5" SSD 2TB Ethernet: GbE LAN (Intel Chipsets)
Graphics Card	NVIDIA RTX A2000 GDDR6 8GB, option for NVIDIA T1000
Storage	1 x 2.5" removable storage bay
On/Off Switch	1 x rugged toggle switch with cover
J1 Power Connector	19~24V DC Input w/Emi filter
J2 Signal	2 x USB2.0 1 x RS232 1 x LAN 1 x HDMI

*Specifications subject to change without notice.*

<b>J3 Connector</b>	1 x RJ45 GbE LAN
<b>J4 / J5 Connector</b>	2 x USB 3.0
<b>Power Supply</b>	Input:19~24V DC power input Wattage: Max. up to 250 Watt CMOS battery removable on service window
<b>Weight</b>	17.64lb / 8 kg
<b>Dimension</b>	11.32"(W) x 10.75"(D) x 4.13"(H)
<b>Environmental</b>	Operating Temperature: 0°C to 40°C (32°F to 104°F) Storage Temperature: -10°C to 60°C (14°F to 140°F) Operating Humidity: 5~95%, non-condensing IP Grade: Full IP67 with IP67 fan type MIL-STD: MIL-STD-810G compliance
<b>Operating System</b>	Windows 11 Pro

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