

FES9280

Military embedded PC with Intel 6th Gen. Core i7-6600U 2.6GHz CPU, VGA + DVI video output, and a fully IP67 rated rugged enclosure with MIL-STD-810F/461F testing standards.

- ▶ Fully IP67 rated fanless embedded microbox
- ▶ Intel 6th Gen. Core i7-6600U 2.6GHz CPU
- ▶ DDR3L 1066MHz SODIMM memory
- ▶ VGA + DVI video output, option for VGA + HDMI output
- ▶ 2 x USB 2.0, 1 x GbE LAN, 2 x COM (1 for RS-232, 1 for RS-422)
- ▶ Extended working temperature range from -20°C to 60°C
- ▶ MIL-STD-810F in temperature, vibration, and shock
- ▶ MIL-STD-461F EMC compliance
- ▶ 9~36V DC power input



Description

Rugged fanless embedded PC with an IP67 rated waterproof and dustproof design that meets MIL-STD-810F and MIL-STD-461F EMC testing standards. Powered by the Intel 6th Gen. Core i7-6600U 2.6GHz processor with the Intel SoC chipset, it supports an 8GB DDR3L memory, VGA + DVI video output, 2 x USB, 2 x COM, and 1 x LAN. The embedded system also features a 9~36V DC power input and extended working temperatures from -20°C to 60°C.

Technical Specifications

SPECIFICATION	VALUE
Construction	Heavy-duty fully IP67 rated enclosure Water / Dust proofed and Anti-corrosion
Embedded board	CPU Type: 6th generation Skylake Core i7-6600U 2.6GHz Memory: DDR3L 1066MHz SODIMM, Std. 8GB Chipset: Intel SoC Integrated Ethernet: Intel i210 Ethernet Controller Intel i219 Ethernet Connection
Drive bay	1 x mSATA 64GB SSD 1 x 2.5" SDD in hot swappable array
Video input	VGA + DVI video output Option for VGA + HDMI video output

Specifications subject to change without notice.

I/O Port (standard)	<ul style="list-style-type: none"> 2 x USB 2.0 2 x COM (1 for RS-232, 1 for RS-422) 1 x GbE LAN 1 x DVI 1 x VGA 1 x DC Power On/Off 2 x SMA antenna (Optional)
Front panel control	LED indicator for power and hard drive
WWAN (Option)	Full size mini PCIe for WWAN 3G/4G card integrated
WLAN (Option)	Full size mini PCIe for wireless card IEEE 802.11 a/b/g/n 2 x 2 Dual Band
Power supply	<ul style="list-style-type: none"> Power Input: 9~36V DC power input Power Consumption: 25W
Weight	8.82 lb / 4 kg
Dimension	8.66"(W) x 7.41"(D) x 3.54"(H)
Environmental	<ul style="list-style-type: none"> Operating Temperature: -20°C to 60°C (-4°F to 140°F) Storage Temperature: -40°C to 80°C (-40°F to 176°F) Humidity: 5~95%, non-condensing Vibration: 2.5G, 5Hz~500Hz / XYZ, MIL-STD-810F Method 514.5 Procedure I Shock: 40G, 11ms duration, MIL-STD-810F Method 516.5 Procedure I EMI/EMC: MIL-STD-461F compliance

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