

# ER-8000 (Advantix - powered by Fastwel) High-Performance Embedded Computer



## Features

- CPU: Intel® Core™ i7-3610QE / Intel® Core™ i5-3610ME;
- Chipset: Intel® QM77;
- RAM: 2 – 16GB, 2 x DDR3-1333/1600, non ECC, 1/2-channel;
- GPU: Intel HD Graphics 4000, up to 1GB, Dual Head support;
- Network: 2 x Ethernet 10/100/1000 controllers, each on the PCI-E x1 bus;
- Operating temperature range: from +5°C to +40°C, or from -40°C to +60°C;
- Power supply: 9-24V DC;
- OS compatibility: Microsoft XP Embedded, Windows 7, 8, 10, Linux.

## Overview

ER-8000 (Advantix – powered by Fastwel) is a high-performance fanless computer designed for solving a wide range of automation tasks. The device fits for installation in any unmanned facility with subzero temperatures.

## Technical Specifications

### CPU

- Intel® Core™ i7-3610QE (2.3GHz, 6MB, 4 cores);
- Intel® Core™ i5-3610ME (2.7GHz, 3MB, 2 cores);

### RAM

- 2 – 16GB, 2 x DDR3-1333/1600, non ECC, single- or two-channel;

### Chipset

- Intel® QM77;

### Video subsystem

- integrated, Intel HD Graphics 4000, up to 1GB of video memory, Dual Head support;

### Expansion slots

- 1 x Mini PCIe;

### Disk subsystem

- 2 x external bays for 2.5" HDD/SSD SATA, RAID support;
- Connector for CF-SATA card up to 64GB (without access from outside);
- Option: mPCIe SSD up to 256GB;

### Network

- Two Ethernet 10/100/1000 controllers, each on the PCI-E x1 bus;

### Audio

- Two-channel, HD Audio;

### Ports

- 4 x USB 3.0 (front panel);
- 1 x DVI-D, 1 x VGA, 1 x HDMI (with Dual Head support);
- 2 x LAN (RJ-45);
- 5 x COM (2xRS232 and 3xRS232/422/485);
- Audio In/Out/Mic In;

### Watchdog timer

- Programmable;

### Power supply

- 9-24V DC;

### Operating temperature range:

- From +5°C to +40°C, or from -40°C to +60°C;

### Cooling

- Convection, passive;

### Dimensions

- 293 (D) \* 237 (W) \* 88 (H);

### Weight

- 5.5 kg;

### Version design

- Desktop or wall-mounting (fasteners are included in the set);

### Color

- Green;

### OS compatibility

- Microsoft XP Embedded;
- Microsoft Windows 7;
- Microsoft Windows 8;
- Microsoft Windows 10;
- Linux;

### Warranty

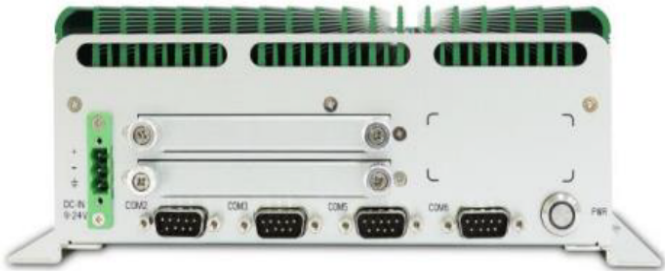
- 2-year warranty;



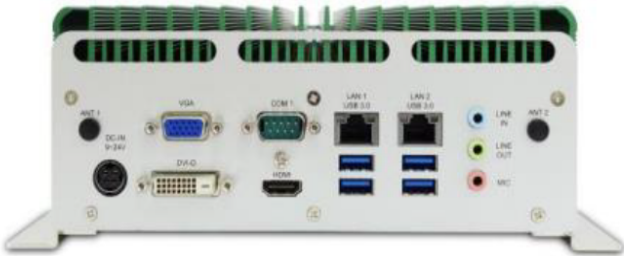
# ER-8000 (Advantix - powered by Fastwel) High-Performance Embedded Computer

## Layout

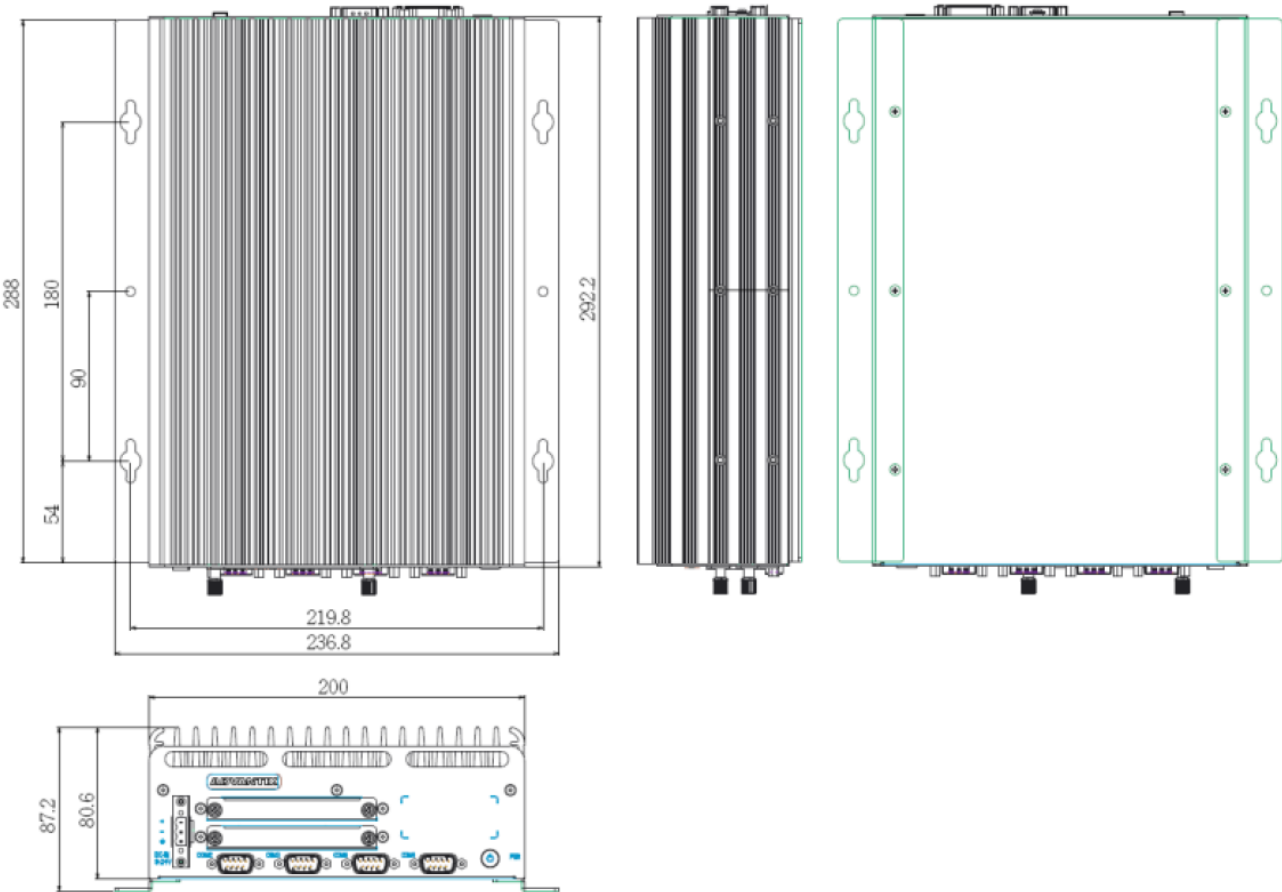
ER-8000 (Advantix - powered by Fastwel)



Rear view



Front view



# ER-8000 (Advantix - powered by Fastwel) High-Performance Embedded Computer

## Ordering information

### ER-8000 (Advantix - powered by Fastwel) Configuration

#### ER-8000 \Options

##### Configurations

ER-8000	Fanless Embedded Computer / Core i5-3610ME 2.7GHz / 4GB DDR3 / 120GB SSD / DC PSU, +5..+40;
ER-8000-I7	Fanless Embedded Computer / Core i7-3610QE 2.3GHz / 8GB DDR3 / 240GB SSD / DC PSU, +5..+40;
ER-8000-I7/WT5	Fanless Embedded Computer / Core i7-3610QE 2.3GHz / 8GB DDR3 / 128GB SSD / DC PSU, -40..+60;
ER-8000-XXX	Custom configuration in accordance with the customer requirements. Delivery time – from 2x weeks (depending on components availability);

##### Delivery checklist

**ER-8000 (Advantix - powered by Fastwel) delivery checklist contains:**

1. ER-8000 (Advantix - powered by Fastwel) Fanless Embedded Computer
2. Packaging.

## Corporate offices

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Product specifications are subject to change without notice



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