

# ER-2100 (Advantix - powered by Fastwel) Fanless DIN-Rail Computer



## Features

- CPU: Intel® Celeron® N3350 (2x cores, up to 2.4 GHz, 6 W);
- RAM: DDR3L 4 GB (2 GB as an option), soldered;
- GPU: integrated, Intel® HD Graphics 500/505, 2GB;
- Programmable watchdog timer;
- Operating temperature range: from +5°C to +40°C;
- Storage temperature range: from +5°C to +60°C;
- Power supply: 12V DC (ATX);
- OS compatibility: Microsoft Windows 10, Linux\*

## Overview

ER-2100 is the most cost-effective model in the AdvantiX (powered by Fastwel) line of fanless computers with the wall-mounting or DIN-rail capability. This reasonably priced, compact and functional computer is designed for use in industrial automation applications.

## Technical Specifications

### CPU

- Intel® Celeron® N3350 (2x cores, 1.1 GHz, up to 2.4 GHz, 6 W);

### RAM

- RAM: DDR3L 4 GB (2 GB as an option), soldered;

### GPU

- Integrated, Intel® HD Graphics 500/505, up to 2GB of video memory;

### Expansion slots

- M.2 2230 x 1 (E-Key: PCI-E x 1, USB 2.0);
- M.2 2280 x 1 (B-Key: SATA, USB 2.0);

### Disk subsystem

- Soldered, eMMC 32 GB, 1x SATADOM (SATA III), 16 GB (as an option);

### Network

- Realtek 8111G x 1, 10/100/1000 Base-TX;

### Audio

- As an option;

### Ports

- 2 x USB 3.0;
- 1 x HDMI;
- 1 x LAN (RJ-45);
- 1 x COM port;
- Option: Audio output, 1 x COM port (DB-9 connectors);

### Watchdog timer

- Programmable;

### Power supply

- 12V DC (ATX);

### Cooling

- Convection, passive;

### Operating temperature

- from 0°C to +40°C (-20..+70C optional);

### Storage temperature

- from +5°C to +60°C;

### Dimensions

- 80 (D) \* 122 (W) \* 30 (H) (regardless of connectors and fasteners);

### Weight

- 0.18 kg

### Version design

- Desktop, wall-mounting or DIN-rail mounting (fastener comes as an option);

### Color

- Grey;

### OS compatibility

- Microsoft Windows 10;
- Linux\*;

### Warranty

- 2-year warranty;

\* Upon request



# ER-2100 (Advantix - powered by Fastwel) Fanless DIN-Rail Computer

## Layout

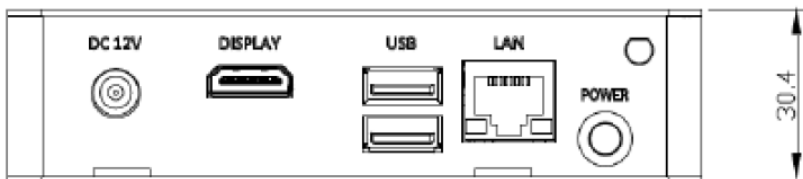
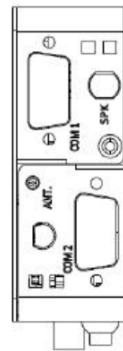
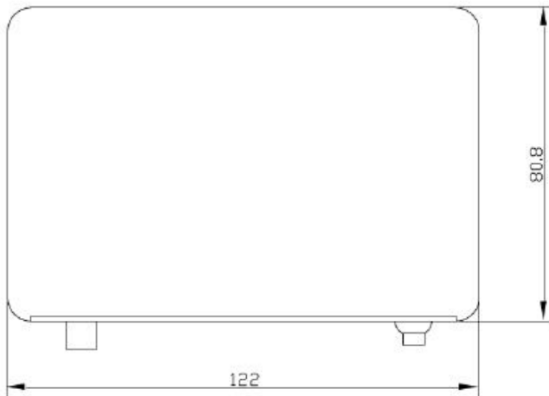
### ER-2100 (Advantix - powered by Fastwel)



Front view



Rear view



# ER-2100 (Advantix - powered by Fastwel) Fanless DIN-Rail Computer

## Ordering information

### ER-2100 (Advantix - powered by Fastwel) Configuration

#### ER-2100 \ Options

##### Configurations

|             |  |
|-------------|--|
| ER-2100     | Fanless Embedded Computer / Celeron® N3350 / 4GB DDR3 / 32GB eMMC, 0..+40;     |
| ER-2100-XXX | Custom configuration in accordance with the customer requirements (-20..+70C); |

##### Delivery checklist

###### ER-2100 (Advantix - powered by Fastwel) delivery checklist contains:

1. ER-2100 (Advantix - powered by Fastwel) Fanless Embedded Computer
2. AC/DC 12V power supply unit;
3. Packaging.

Ver.1.04.2020

Product specifications are subject to change without notice

## Corporate offices

#### FASTWEL GROUP Co., Ltd

108 Profsoyuznaya str.  
Moscow, Russia 117437  
Tel: +7 (495) 232-1681  
Fax: +7 (495) 232-1654  
E-mail: info@fastwel.com  
Web: www.fastwel.com



Fastwel



Fastwel



Fastwel