

# eBOX100-51R-FL NEW

Fanless Ultra Compact Embedded System with Intel® Core™ i5-7300U & Intel® Celeron® 3965U Processors, DisplayPort++, 2 COM, 4 USB and 2 GbE LANs

## Features

- Ultra compact size with high performance
- Intel® Core™ i5-7300U or Celeron® 3965U
- M.2 Key E 2230 for Wi-Fi
- M.2 Key B 2242 for storage
- Azure certified and AXView 3.0 supported
- Supports Intel® AMT 11
- Multiple mounting designs: Wall mount, DIN-rail and VESA mount



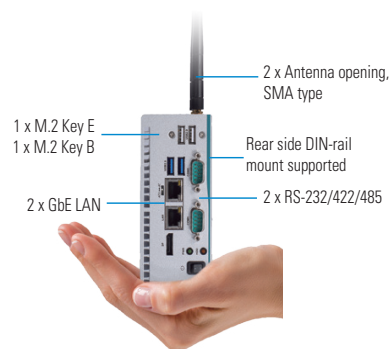
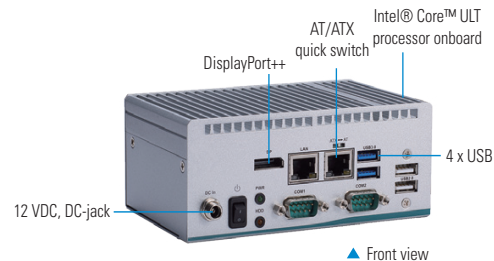
## Specifications

|                       |                                                                                                                                                                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard Color        | Silver                                                                                                                                                                                                                                                            |
| Construction          | Aluminum extrusion and heavy-duty steel, IP40                                                                                                                                                                                                                     |
| CPU                   | Intel® Core™ i5-7300U 2.6 GHz<br>Intel® Celeron® 3965U 2.2 GHz                                                                                                                                                                                                    |
| System Memory         | 1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB                                                                                                                                                                                                                         |
| Chipset               | SoC integrated                                                                                                                                                                                                                                                    |
| BIOS                  | AMI UEFI BIOS                                                                                                                                                                                                                                                     |
| System I/O Outlet     | 2 x RS-232/422/485<br>2 x 10/100/1000 Mbps Ethernet<br>(Intel® i219-LM, Intel® i211-AT)<br>2 x USB 3.0<br>2 x USB 2.0<br>1 x DisplayPort ++<br>1 x ATX power switch<br>1 x AT/ATX quick switch<br>1 x Screw type VDC power input connector<br>2 x Antenna opening |
| Watchdog Timer        | 65535 levels, 1 to 65536 sec.                                                                                                                                                                                                                                     |
| Storage               | 1 x M.2 Key B 2242 (for SATA storage)                                                                                                                                                                                                                             |
| Expansion Interface   | 1 x M.2 Key E 2230 (for Wi-Fi)                                                                                                                                                                                                                                    |
| TPM                   | N/A                                                                                                                                                                                                                                                               |
| System Indicator      | 1 x Green LED for system power-on<br>1 x Orange LED for HDD active                                                                                                                                                                                                |
| Power Input           | 12 VDC                                                                                                                                                                                                                                                            |
| Operating Temperature | -10°C to +50°C (+14°F to +122°F) (with W.T. SSD/DRAM)                                                                                                                                                                                                             |
| Storage Temperature   | -20°C to +85°C (-4°F to +185°F)                                                                                                                                                                                                                                   |
| Humidity              | 10% to 90%, non-condensing                                                                                                                                                                                                                                        |
| Vibration Endurance   | IEC 60068-2-64 (with SSD: 3Grms STD, random, 5 to 500 Hz, 1 hr/axis)                                                                                                                                                                                              |
| Shock Vibration       | IEC 60068-2-27 (with SSD: 50G, half sine, 11 ms duration)                                                                                                                                                                                                         |
| Dimensions            | 142 mm (5.59") x 87mm (3.42") x 58 mm (2.28")                                                                                                                                                                                                                     |
| Weight (net/gross)    | 1.15 kg (2.53 lb)/1.5 kg (3.3 lb)                                                                                                                                                                                                                                 |
| Certifications        | CE, FCC Class A                                                                                                                                                                                                                                                   |
| EOS Support           | Win 10 IoT, Linux                                                                                                                                                                                                                                                 |
| Software Support      | AMS.AXView                                                                                                                                                                                                                                                        |

\* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

## Packing List

- 1 x Quick manual
- 1 x Screw pack
- 4 x Pre-installed foot pad
- 1 x HDD rubber



## Power Protection

### AC Version

- OVP (over voltage protection)
- OCP (over current protection)
- SCP (short circuit protection)

## Ordering Information

### Standard

|                      |                                                                                                              |
|----------------------|--------------------------------------------------------------------------------------------------------------|
| eBOX100-51R-DC-7300U | Fanless ultra compact embedded system with Intel® Core™ i5-7300U, DisplayPort++, 2 COM, 4 USB and 2 GbE LANs |
| eBOX100-51R-DC-3965U | Fanless ultra compact embedded system with Intel® Celeron® 3965U DisplayPort++, 2 COM, 4 USB and 2 GbE LANs  |

### Optional

|                       |                |
|-----------------------|----------------|
| DDR4 SODIMM           | 4G to 16GB     |
| M.2 SATA SSD          | 128GB or above |
|                       | Wall mount kit |
|                       | DIN-rail kit   |
|                       | VESA mount kit |
| M.2 Wi-Fi Module      |                |
| 12V/60W Power Adapter | 50966124050E   |
| Power Cord            |                |

\* Specifications and certifications may vary based on different requirements.

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660