

# eBOX565-52R-FL

Fanless Embedded System with Intel® Core™ i5-8365UE or Celeron® 4305UE Processor, HDMI/DisplayPort++, 2 GbE LAN, 2 COM, 4 USB, and 9 to 36 VDC Power Input

## Features

- 8th gen Intel® Core™ or Celeron® processor onboard (Whisky Lake-U)
- One M.2 Key E 2230 for Wi-Fi module
- 260-pin DDR4-2400 SO-DIMM for up to 32GB of memory
- 2 GbE LAN and 2 USB 3.1 Gen2
- Supports DisplayPort++ and HDMI for dual independent displays
- Multiple mounting designs: wall mount, DIN-rail, and VESA mount
- 9 to 36 VDC wide range input



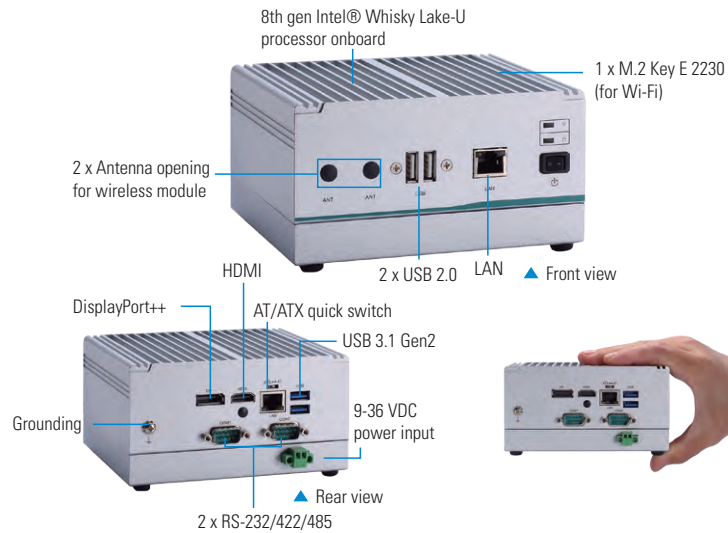
## Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Core™ i5-8365UE, 1.6 GHz Intel® Celeron® 4305UE, 2.0 GHz
System Memory	1 x 260-pin DDR4-2400 SO-DIMM, max. up to 32GB
Chipset	SoC integrated
BIOS	AMI UEFI BIOS
System I/O Outlet	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM, Intel® i211-AT) 2 x USB 2.0 2 x USB 3.1 Gen2 1 x DisplayPort++ 1 x HDMI (lockable) 1 x ATX power switch 1 x AT/ATX quick switch 1 x Screw type VDC power input connector 2 x Antenna opening 1 x Phoenix type VDC power input connector
Watchdog Timer	65535 levels, 1 to 65536 sec.
Storage	1 x 2.5" SATA HDD drive bay (max. up 9.5 mm height)
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 1 x Orange LED for HDD active
Power Input	9 - 36 VDC
Operating Temperature	-10°C to +50°C (+14°F to +122°F) with 0.7 m/s air flow (with W.T. SSD/DRAM)
Storage Temperature	-20°C to +80°C (-4°F to +185°F)
Humidity	10% - 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	141.6 mm (5.57") (W) x 106 mm (4.17") (D) x 73 mm (2.87") (H)
Weight (net/gross)	1.1 kg (2.43 lb)/1.8 kg (3.96 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

- 4 x Pre-installed foot pad
- 1 x Screw pack
- 1 x HDD bracket
- 1 x DRAM thermal pad bracket
- 2 x DRAM thermal pad
- 1 x 2-pin terminal block connector



## Power Protection

### DC Version

- OVP (over voltage protection)
- OC (over current protection)
- SCP (short circuit protection)
- Reserve protection

## Ordering Information

### Standard

eBOX565-52R-FL-DC-8365UE (P/N: E36K565109)	Fanless embedded system with Intel® i5-8365UE, HDMI, DisplayPort++, 2 GbE LAN, 2 COM, 4 USB, and 9 to 36 VDC
eBOX565-52R-FL-DC-4305UE (P/N: E36K565110)	Fanless embedded system with Intel® Celeron® 4305UE, HDMI, DisplayPort++, 2 GbE LAN, 2 COM, 4 USB, and 9 to 36 VDC

### Optional

DDR4 SO-DIMM	4G to 32GB
2.5" SATA HDD	64GB or above
2.5" SATA SSD	100GB or above
8816K560BA0E	DIN-Rail kit
8816K560AA0E	VESA mount kit
8816K560IA0E	Wall mount kit
50906D24000E	24V 120W power adapter
	Power cord
8816K560JA0E	M.2 W.T Wi-Fi kit

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

## Dimensions

