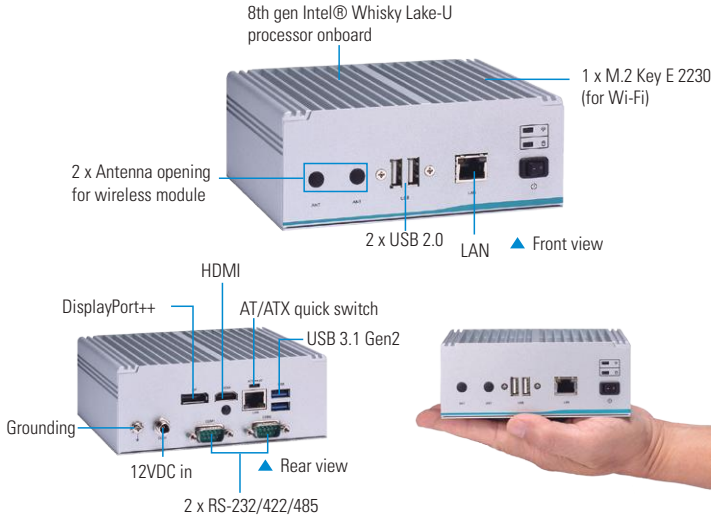
# eBOX560-52R-FL NEW

Fanless Embedded System with Intel® Core™ i5-8365UE/Celeron® 4305UE Processor, HDMI/ DisplayPort++, 2 GbE LAN, 2 COM, 4 USB and 12VDC Power Input

## Features

- 8th gen Intel® Core™ and Celeron® processor onboard (Whisky Lake-U )
- One M.2 Key E 2230 for Wi-Fi module
- 260-pin DDR4-2400 SO-DIMM, max. up to 32GB
- 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




## Specifications

| | |
|---|---|
| Standard Color | Silver |
| Construction | Aluminum extrusion and heavy-duty steel, IP40 |
| CPU | Intel® Core™ i5-8365UE, 1.6 GHz<br>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<br>2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM, Intel® i211-AT)<br>2 x USB 2.0<br>2 x USB 3.1 Gen2<br>1 x DisplayPort++<br>1 x HDMI<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 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<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 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") x 106 mm (4.17") x 55 mm (2.17") |
| Weight (net/gross) | 0.6 kg (1.32 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

4 x Foot Pad
1 x Screw Pack
1 x HDD bracket
1 x DRAM thermal pad Bracket
2 x DRAM thermal pad

## Power Protection

**AC Version**
OVP (over voltage protection)
OCP (over current protection)
SCP (short circuit protection)

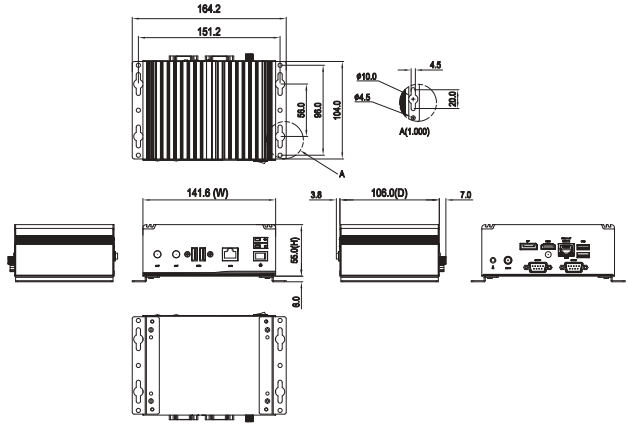
## Ordering Information

| **Optional** | |
|---|---|
| eBOX560-52R-FL-DC-8365UE | Fanless embedded system with Intel® i5-8365UE, HDMI/ DisplayPort++, 2 GbE LAN, 2 COM, 4 USB and 12 VDC |
| eBOX560-52R-FL-DC-4305UE | Fanless embedded system with Intel® Celeron 4305UE, HDMI/DisplayPort++, 2 GbE LAN, 2 COM, 4 USB and 12 VDC |

| **Optional** | |
|---|---|
| DDDR4 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 |
| 50966124050E | 12V/60W power adapter |
| | Power cord |

* Specifications and certifications may vary based on different requirements.

## Dimensions





Updated Apr. 22, 2021.
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