

eBOX565-52R-FL

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



Features

- 8th Gen Intel® Core™ processor onboard
- 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 Gen 2
- Supports DisplayPort++ and HDMI for dual independent displays
- Multiple mounting options: 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
System Memory	1 x 260-pin DDR4-2400 SO-DIMM, up to 32GB
Chipset	SoC integrated
BIOS	AMI UEFI BIOS

Specifications

System I/O Outlet	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet (Intel® I219-LM, Intel® I210-AT) 2 x USB 2.0 2 x USB 3.1 Gen 2 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 activity
Power Input	9 to 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% to 90%, non-condensing
Vibration Endurance	IEC 60068-2-64 (with SSD: 3Grms STD, random, 5 to 500 Hz, and 1 hr/axis)
Shock Vibration	IEC 60068-2-27 (with SSD: 50G, half-sine, and 11 ms duration)
Dimensions (W x D x H)	141.6 x 106 x 73 mm (5.57" x 4.17" x 7.3")
Weight (net/gross)	1.1 kg (2.43 lbs)/1.8 kg (3.96 lbs)
Certifications	CE, FCC Class A, UKCA
EOS Support	Win 10 IoT, Linux

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

Ordering Information

Standard

eBOX565-52R-FL-DC-8365UE (P/N: E36K565109)	Fanless embedded system with Intel® Core™ i5-8365UE, HDMI, DisplayPort++, 2 GbE LAN, 2 COM, 4 USB and 9 to 36 VDC (MOQ 20 with project support)
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Optional

DDR4 SO-DIMM	8G to 32GB
2.5" SATA HDD	64GB or above
2.5" SATA SSD	100GB or above
E29R129102	Wall mount kit
E29R129112	VESA mount kit
E29R129122	DIN-rail kit
509000001500	24V/120W power adapter Power cord M.2 Wi-Fi module

* Specifications and certifications may vary based on different requirements.

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)
- OCP (over current protection)
- SCP (short circuit protection)
- Reverse protection

Dimensions

