



## BACH I5 8365UE

FANLESS IPC

- Intel® Core i5 8365UE 4-core 8-Thread  
1.6 GHz (Base) / 4.1 GHz (Turbo), 15W
- 2x DDR4 2400 MHz up to 32 GB RAM
- Extended power supply range from 9V to 24V
- 2x LAN Intel® Gigabit Ethernet
- 2x 4K Video interface (HDMI - DP)



### MAINBOARD

**CPU:** Intel® Core i5 8365UE  
4 Core / 8 Thread  
1.6 GHz (Base) / 4.1GHz (Turbo) 15W

### MEMORY

**Capacity:** up to 32GB  
**Frequency:** 2400 MHz  
**Type:** 2x SO-DIMM DDR4

### STORAGE

**SATA:** 1x SATA3  
**mSATA:** 1x M.2 M-Key (2242/2260/2280)  
Support PCIe x4 (NVMe) & SATA  
**Storage Bay:** 1x Internal 2.5" SSD Bay

### I/O INTERFACE

**Serial ports:** 1x COM RS232/422/485  
3x COM RS232  
**USB ports:** 4x USB 3.1,  
2x USB 2.0,  
1x USB Type C (3.1 Gen 2)  
(Only for DATA)  
**Mini-PCIe:** 1x M.2 E-Key (2230)  
CNVi WIFI module (Standard)  
**AUDIO:** 1x Headphone Jack,  
1x MIC Jack  
1x Line-out Jack  
**Optional:** 1x COM or GPIO

### VIDEO

**GPU:** Intel® HD 620 Graphics  
**Interface:** 1x HDMI 1.4 (Up to 4096x2304 @30Hz)  
1x DP 1.2 (Up to 4096x2304 @60Hz)

### ETHERNET

**LAN:** 1x Intel i219LM PHY Gigabit LAN  
(iAMT 11.0)  
1x Intel i211AT Gigabit LAN

### POWER

**Power in:** 9 to 24V, DC-in  
**Power consumption:** 60W max  
**Adapter:** AC\_90~240V / DC\_12V\_5A/60W

### MECHANICAL

**Material:** Lightweight aluminum alloy  
with extruded aluminum IO panel  
**Dimensions:** (W)193x(D)142.4x(H)62mm  
**Weight:** 2.2Kg  
**Mounting:** WallMount + DIN Rail

### ENVIRONMENT

**Operating temp.:** -20°C to 60°C  
**Storage temp.:** -20°C to 70°C  
**Humidity:** 40% to 60% Humidity, non-condensing  
**EMC:** CE, FCC, RoHS, LVD

## SARC ITALIA SRL

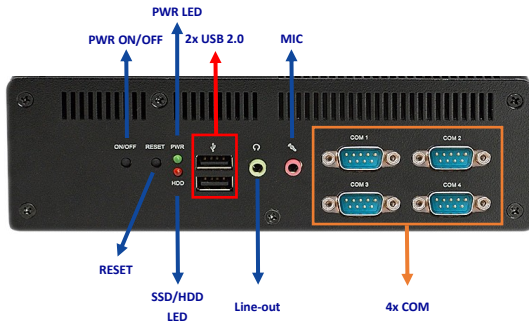
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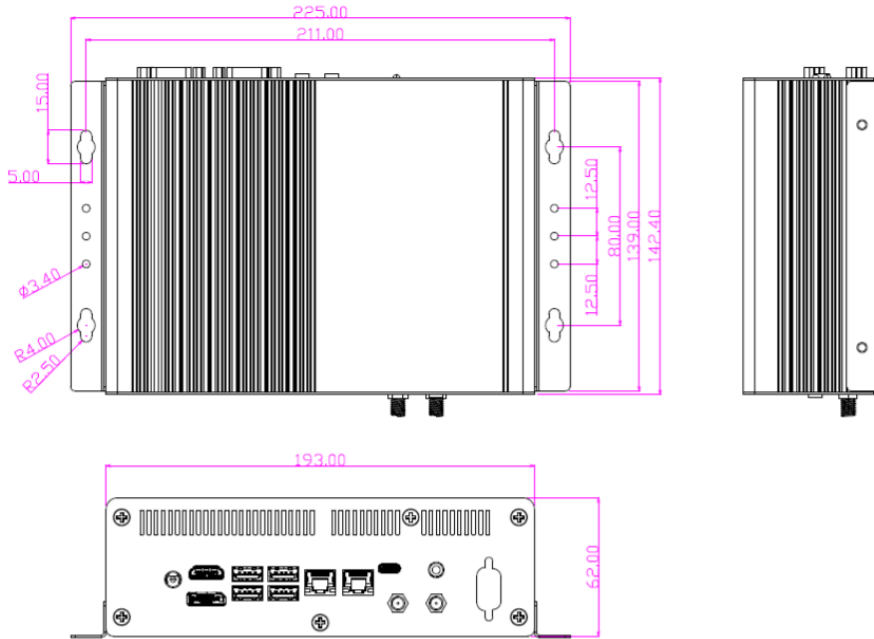
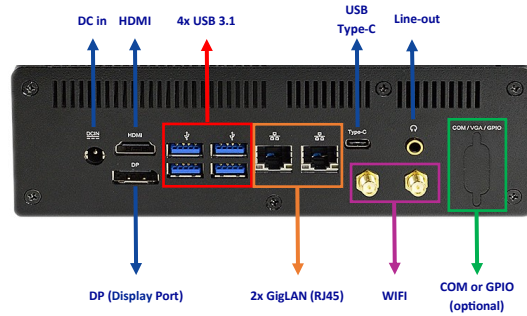
Website: [www.sarcitalia.it](http://www.sarcitalia.it)

Email: [info@sarcitalia.it](mailto:info@sarcitalia.it)

Front



Rear



Accessories Included:

- WALL + DIN Rail Mount Kit
- Power Adapter 12V @60W + Power Cable
- Dual Band WiFi Antenna
- Screw pack

Compatible OS:

**MS WINDOWS** (64bit)

- Windows 10
- **Windows 10 Enterprise LTSC (IoT)**
- Windows 11
- Windows 11 Enterprise LTSC (IoT)



**LINUX** \*

- CentOS 8
- Debian 10
- Fedora 34
- Ubuntu 20.04 LTS
- pfSense



\* Linux distributions tested with the IPC.

Order Code:

**B04 - 23C - BACH - I5 8365U - RXX - SSDXXX**

RAM	R08	(8 GB)	STORAGE	SSD (2,5")	M2D/SSD128
	R16	(16 GB)		MSD (mSATA)	M2D/SSD256
	R32	(32 GB)		M2D (M.2)	Other on Request

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