

Spectra PowerBox 310-Series

Technical Data



Features

- Pre-defined Box-PC
- Intel® Core™ i5-8365UE CPU
- 2 x mPCIe
- 2 x USB 3.2 Gen 2, 2 x USB 3.2 Gen 1, 2 x USB 2.0
- 2 x GLAN, 2 x COM, 1 x DP, 1 x HDMI, 1 x VGA
- Windows® 10 IoT Enterprise

Model	Spectra PowerBox 310 Advanced 1	Spectra PowerBox 310 Advanced 1 Wide Temp	Spectra PowerBox 310 Advanced 3	Spectra PowerBox 310 Advanced 3 Wide Temp
Article n°	167265	167266	167267	167268

System Configuration

CPU	Intel® Core™ i5-8365UE 4 Kerne / 8 Threads / Base Freq. 1.0 GHz / Burst Freq. 4.10 GHz			
RAM	8 GB	8 GB WT	16 GB	16 GB WT
SSD	128 GB 2.5" SATA-6G	128 GB 2.5" SATA-6G WT	256 GB 2.5" SATA-6G	256 GB 2.5" SATA-6G WT
Operating System	Microsoft® Windows® 10 IoT Enterprise 2021 LTSC, 64-bit, German / English			
Operating Temperature	0°C ~ +45°C	-40°C ~ +70°C	0°C ~ +45°C	-40°C ~ +70°C

Controllers & Interfaces

Ethernet	1 x Intel® i210 Gigabit-LAN, 1 x Intel® i219 Gigabit-LAN
Graphics	integrated in CPU
Audio	Realtek ALC888
Front IOs	2 x USB 3.2 Gen 2, 2 x USB 2.0 1 x HDMI (4096 x 2304 FHD/4K)
Rear IOs	2 x USB 3.2 Gen1 2 x RJ45 2 x RS-232/422/485 1 x VGA (1920 x 1200 WUXGA) 1 x DP (3840 x 2160 FHD/4K) 1 x PS/2, 1 x Line-out, 1 x Mic-in

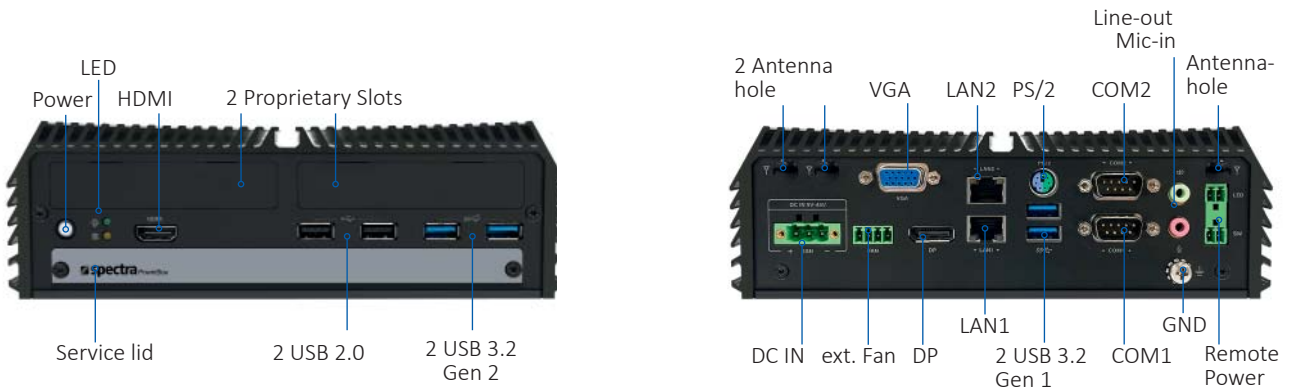
Drives & Expansions

Storage	1 x 2,5" SATA HDD/SSD (Hot-Swap, RAID 0/1 Support), 2 x mSATA (mPCIe Slot), 2 x SIM
PCI/PCIe Slots	–
mPCIe Slots	2 x Full-Size for WiFi / GSM or expansion cards
Antenna Holes	3 x for wireless communication

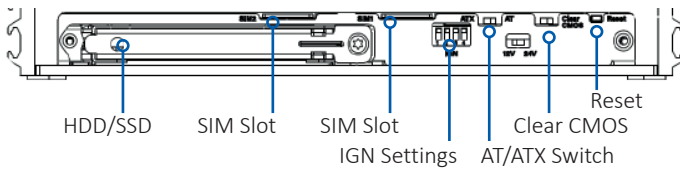
Further Data

Power	AT/ATX 9~48 V DC
Dimensions (W x H x D)	203 x 66,8 x 142 mm
Weight (net/gross)	2,1 kg / 3,4 kg
Mounting	Wall
Warranty	24 months
Packing List	1 x Power Terminal Block (female), 1 x Remote Power Terminal Block, 1 x Fan Terminal Block, 1 x Driver/Manual Medium, 1 x Microsoft® Windows® Recovery Medium, 2 x rails for Wall mount

Spectra PowerBox 310-Series Interfaces



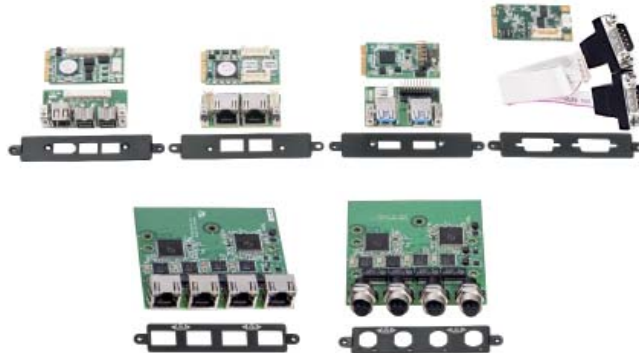
Details Service lid



Further options - Ask us!

Interfaces for the proprietary slot

- 2 x 10Gigabit-LAN, RJ45
- 4 x Gigabit-LAN, RJ45
- 4 x Gigabit-LAN, M12
- 4 x Gigabit-LAN, XM12
- 2 x RS-232/422/485
- DIO (8-in/8-out)
- 2 x Gigabit-LAN
- 2 x USB 3.2 Gen 1



Further functions

- Power ignition
- PoE

Power supply

Power adapter, 60W, 12V/5A, C14, 3-pin, Tube

Mounting Kits

DIN-Rail, Sideboard

