

Spectra PowerBox 400-Series

Technical Data



Features

- Pre-defined Box-PC
- Intel® Core™ i5/i7 Kaby Lake CPU
- 4 x mPCIe
- 8 x USB 3.2 Gen 1
- 2 x GLAN, 4 x COM, 2 x DP, 1 x DVI-I
- Windows® 10 IoT Enterprise

Model	Spectra PowerBox 400 Advanced 2	Spectra PowerBox 400 Advanced 2 Wide Temp	Spectra PowerBox 400 Pro 1	Spectra PowerBox 400 Pro 1 Wide Temp
Article n°	167158	1672671	167179	167271

System Configuration

CPU	Intel® Core™ i5-7500T 4 Cores / 4 Threads / Base Freq. 2.70 GHz / Burst Freq. 3.30 GHz		Intel® Core™ i7-7700T 4 Cores / 8 Threads / Base Freq. 2.90 GHz / Burst Freq. 3.80 GHz	
RAM	8 GB	8 GB WT	16 GB	16 GB WT
SSD	256 GB 2.5" SATA-6G	256 GB 2.5" SATA-6G WT	512 GB 2.5" SATA-6G	512 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 ~ +50°C	0°C ~ +45°C	-40°C ~ +50°C

Controllers & Interfaces

Ethernet	1 x Intel® i210 Gigabit-LAN, 1 x Intel® i219 Gigabit-LAN
Graphics	integrated in CPU
Audio	Realtek ALC888-GR
Front IOs	4 x USB 3.2 Gen 1 1 x DP (3840 x 2160 FHD/4K)
Rear IOs	4 x USB 3.2 Gen1 2 x RJ45 4 x RS-232/422/485 1 x DP (3840 x 2160 FHD/4K) 1 x DVI-I (1920 x 1080 FHD) 1 x Line-out, 1 x Mic-in

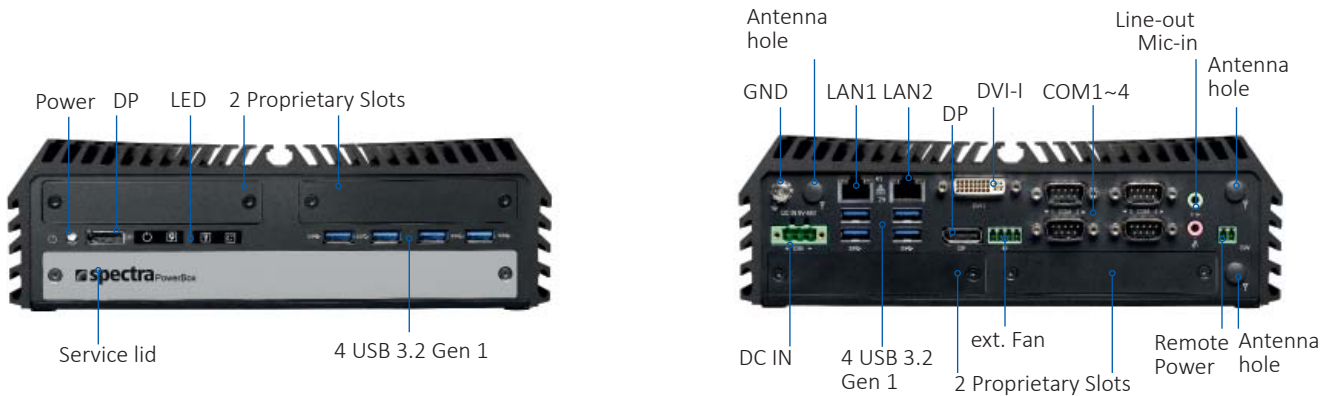
Drives & Expansions

Storage	1 x 2,5" SATA HDD/SSD (Hot-Swap, RAID 0/1 Support), 4 x mSATA (mPCIe Slot), 1 x SIM
PCI/PCIe Slots	–
mPCIe Slots	4 x Full-Size for WiFi / GSM or expansion cards
Antenna Holes	3 x for wireless communication

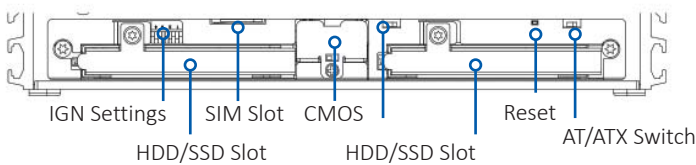
Further Data

Power	AT/ATX 9~48 V DC
Dimensions (W x H x D)	242,17 x 77,24 x 173 mm
Weight (net/gross)	4,0 kg / 5,6 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, 1 x DVI to VGA Adapter

Spectra PowerBox 400-Series Interfaces



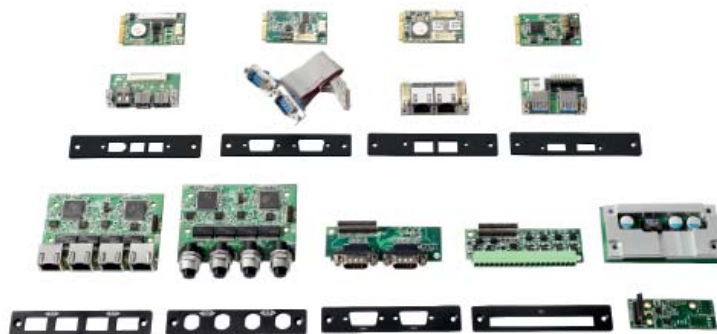
Details Service lid



Further options - Ask us!

Interfaces for the proprietary slot

- 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 RS-232
- 4 x RS-232



Further functions

- Power ignition
- PoE

Power supply

Power adapter, 120W, 24V/5A, C14, 3-pin, Tube

Mounting Kits

VESA-DIN-Rail, Sideboard



VESA-DIN-Schienen



Sideboard