

Spectra PowerBox 410-Series

Technical Data



Features

- Pre-defined Box-PC
- Intel® Core™ i / Xeon® Coffee Lake CPU
- 3 x mPCIe
- 2 x USB 3.2 Gen 2, 6 x USB 3.2 Gen 1
- 2 x GLAN, 4 x COM, 1 x HDMI, 1 x DP, 1 x DVI-I
- Windows® 10 IoT Enterprise

Model	Spectra PowerBox 410 Advanced 2	Spectra PowerBox 410 Advanced 2 Wide Temp	Spectra PowerBox 410 Pro 1	Spectra PowerBox 410 Pro 1 Wide Temp	Spectra PowerBox 410 Pro 2
Article n°	167272	167273	167274	167275	167276

System Configuration

CPU	Intel® Core™ i5-9500TE 6 Cores / 6 Threads / Base Freq. 2.20 GHz / Burst Freq. 3.60 GHz	Intel® Core™ i7-9700TE 8 Cores / 8 Threads / Base Freq. 1.80 GHz / Burst Freq. 3.80 GHz	Intel® Xeon® E-2278GEL 8 Cores / 16 Threads / Base Freq. 2.00 GHz / Burst Freq. 3.90 GHz		
RAM	8 GB	8 GB WT	16 GB	16 GB WT	16 GB
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	512 GB 2.5" SATA-6G
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	0°C ~ +45°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	2 x USB 3.2 Gen 2, 2 x USB 3.2 Gen 1 1 x HDMI (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

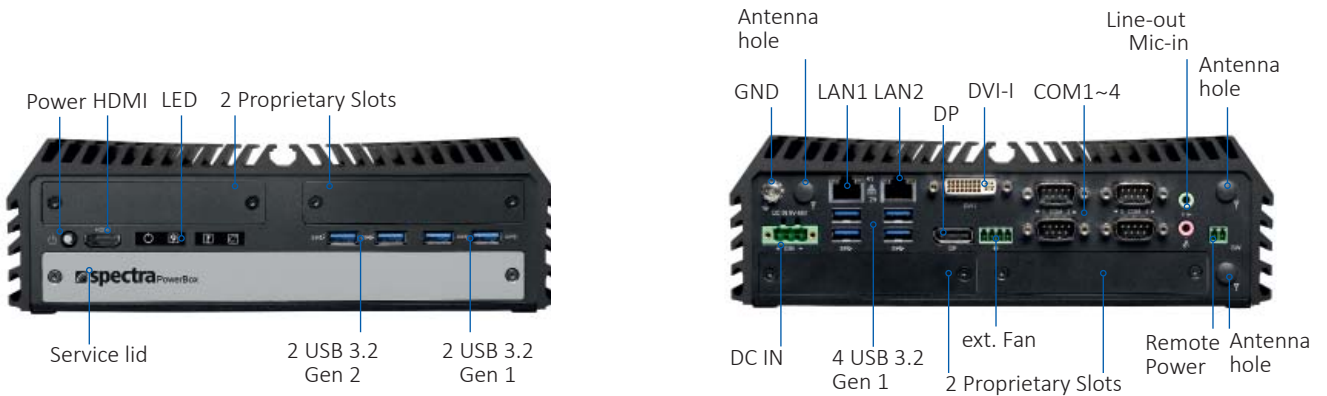
Drives & Expansions

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

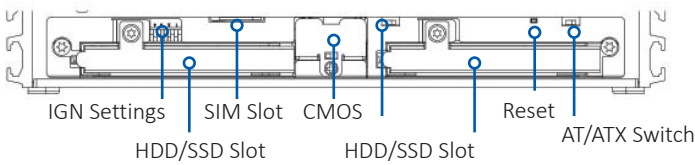
Further Data

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 410-Series Interfaces



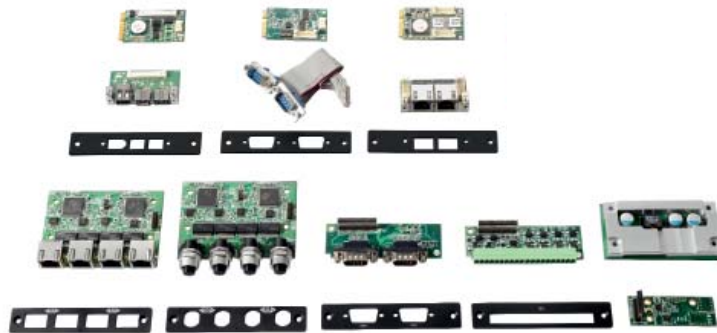
Details Service lid



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

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