

Spectra PowerBox 600

System configuration



Features

- Pre-defined Box-PC System
- Intel® Core™ i Coffee Lake Processor
- 2 x mPCIe
- 3 x USB 3.2 Gen 1, 3 x USB 2.0
- 2 x GLAN, 2 x COM, 1 x VGA, 1 x DP
- Windows® 10 IoT Enterprise

Model	Spectra PowerBox 600 Advanced 1	Spectra PowerBox 600 Advanced 1 Wide Temp	Spectra PowerBox 600 Advanced 2	Spectra PowerBox 600 Advanced 2 Wide Temp
Article n°	167984	167986	167987	167988

Configuration

Processor	Intel® Core™ i3-9100TE	Intel® Core™ i3-9100TE	Intel® Core™ i5-9500TE	Intel® Core™ i5-9500TE
Kerne / Thread	4C / 4T	4C / 4T	6C / 6T	6C / 6T
Base- / Boost Frequency	2.20 GHz / 3.20 GHz	2.20 GHz / 3.20 GHz	2.20 GHz / 3.60 GHz	2.20 GHz / 3.60 GHz
RAM	8 GB	8 GB WT	8 GB	8 GB WT
SSD	256 GB 2.5" SATA-6G	256 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	-25°C ~ +60°C	0°C ~ +45°C	-25°C ~ +60°C

Controllers & Interfaces

Ethernet	1 x Intel® i219 Gigabit-LAN, 1 x Intel® i210 Gigabit-LAN
Graphics	integrated in CPU, Intel® UHD Graphics 630
Audio	Realtek ALC888 HD
Front I/O	<ul style="list-style-type: none"> • 1 x USB 3.2 Gen1, Typ A • 1 x USB 2.0, Typ A
Rear I/O	<ul style="list-style-type: none"> • 2 x USB 3.2 Gen1, 2 x USB 2.0, 2 x RJ45, 2 x COM • 1 x DP: 4096 x 2304 @ 60 Hz, 1 x VGA: 1920 x 1200 @ 60 Hz • 1 x Line-out, 1 x Mic-in

Drives & Expansions

Storage (free)	<ul style="list-style-type: none"> • 2 x mSATA • 1 x M,2 Key M 2280 (SATA 3.0 / NVMe PCIe)
PCI/PCIe/mPCIe Slots	2 x Full-Size Mini-PCIe für WiFi / GSM oder Erweiterungskarten
Other Slots	1 x SIM, 1 x M.2 Key E 2230 (Intel CNVi)
Holes for antennas	5 x for wireless communication

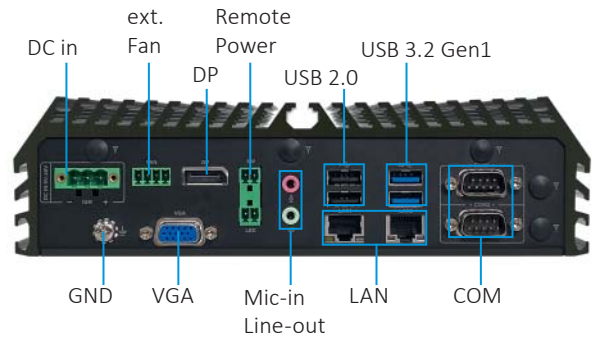
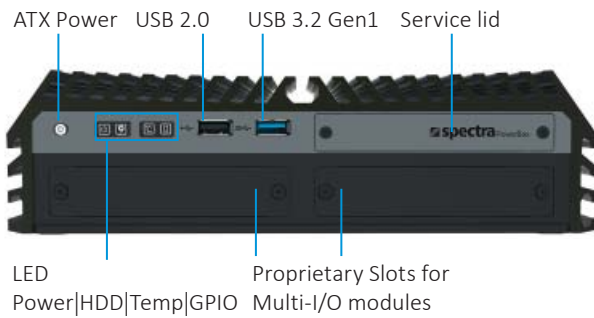
Further Specs

Power	AT/ATX 9~48 V DC
Dimensions (W x H x D)	224.1 x 64.2 x 162mm
Gewicht (netto/brutto)	2,6 kg / 3,9 kg
Mounting	Wall, DIN-rail, VESA
Warranty	24 Months
Packing list	1 x Driver/Manual Medium, 1 x Microsoft® Windows® Recovery Medium, 2 x rails for wall mount, 1 x Power Terminal Block, 2 x Remote Function Terminal Block, 1 x ext. fan Terminal Block

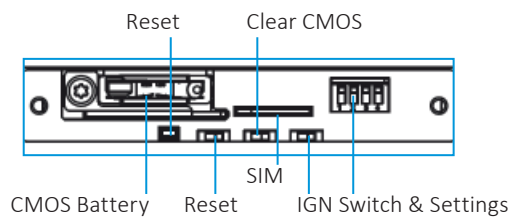
Spectra PowerBox 600

Interfaces & Options

Interfaces



Service lid



Further Options - Ask us!

Interfaces for the proprietary slots

- 2 x RS-232/422/485
- DIO (8-in/8-out)
- 2 x Gigabit-LAN
- 2 x USB 3.2 Gen1
- 1 x DP
- 1 x HDMI



Further functions

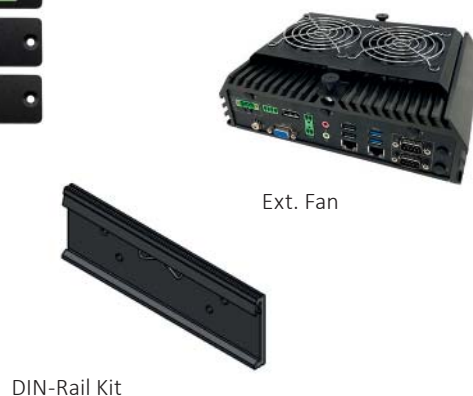
- Power Ignition
- External Fan

Power supply

- Power adapter, 120W, 24V/5A, C14, 3-pin
- Power adapter, 220W, 24V/9.2A, C14, 3-pin

Mounting Kits

- DIN-Rail Kit



All brand, company and product names are registered or otherwise protected works of their respective companies / owners. We reserve the right to change specifications and product description at any time without prior notice (Stand August 2022)