

# 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 Essential 2	Spectra PowerBox 600 Essential 2 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"> <li>• 1 x USB 3.2 Gen1, Typ A</li> <li>• 1 x USB 2.0, Typ A</li> </ul>
Rear I/O	<ul style="list-style-type: none"> <li>• 2 x USB 3.2 Gen1, 2 x USB 2.0, 2 x RJ45, 2 x COM</li> <li>• 1 x DP: 4096 x 2304 @ 60 Hz, 1 x VGA: 1920 x 1200 @ 60 Hz</li> <li>• 1 x Line-out, 1 x Mic-in</li> </ul>

## Drives & Expansions

Storage (free)	<ul style="list-style-type: none"> <li>• 2 x mSATA</li> <li>• 1 x M,2 Key M 2280 (SATA 3.0 / NVMe PCIe)</li> </ul>
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

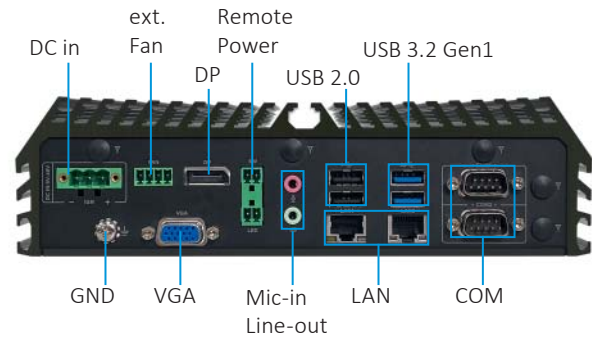
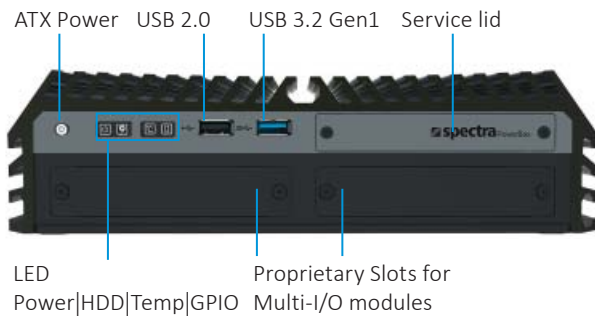
## Further Specs

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

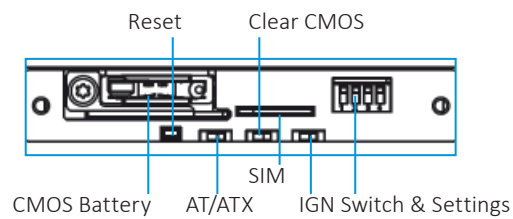
# Spectra PowerBox 600

## 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

