

Spectra PowerBox 3200C-Series

Technical Data



Features

- Pre-defined Box-PC
- Intel® Core™ i5/i7 Coffee Lake CPU
- 1 x PCIe(x16), 1 PCIe(x1), 3 x mPCIe
- 2 x USB 3.2 Gen 2, 4 x USB 3.2 Gen 1, 2 x USB 2.0
- 2 x GLAN, 2 x COM, 2 x DP, 1 x DVI-I
- Windows® 10 IoT Enterprise

Model	Spectra PowerBox 32C Advanced 2	Spectra PowerBox 32C Advanced 2 Wide Temp	Spectra PowerBox 32C Pro 4	Spectra PowerBox 32C Pro 4 Wide Temp
Article n°	167215	167216	167217	167220

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	
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 ~ +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-GR
Front IOs	2 x USB 3.2 Gen 2 1 x DP (4096 x 2304 4K)
Rear IOs	4 x USB 3.2 Gen 1, 2 x USB 2.0 2 x RJ45 2 x RS-232/422/485 1 x DP (4096 x 2304 4K), 1 x DVI-I (1920 x 1200 FHD) 1 x Line-out, 1 x Mic-in, 1 x PS/2

Drives & Expansions

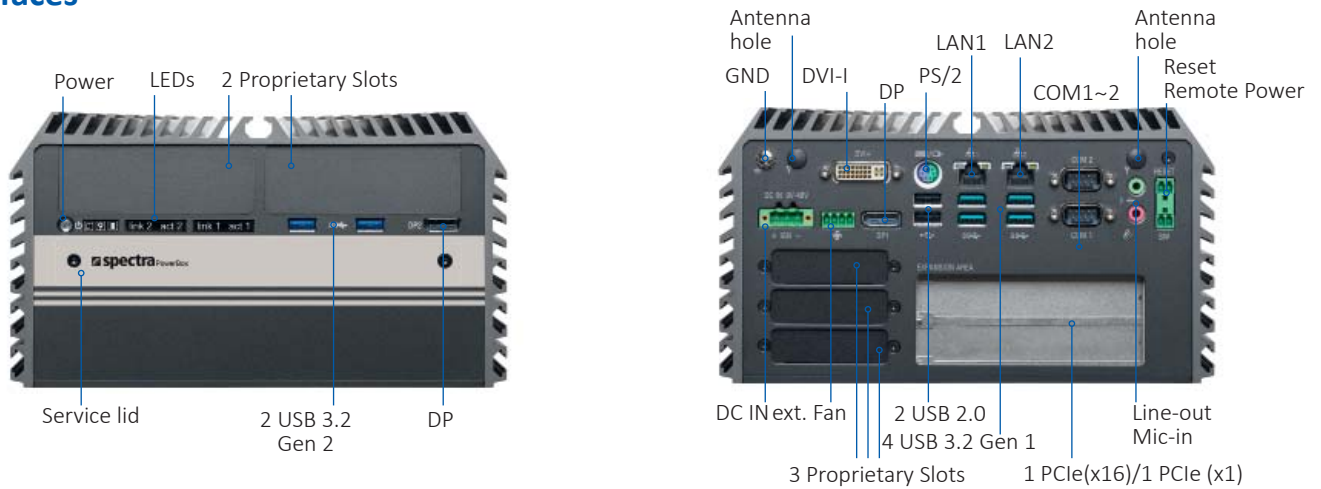
Free Storage Slots	1 x 2,5" SATA HDD/SSD (Hot-Swap, RAID 0/1 Support), 1 x PCIe4 NVMe Key M 2280 M.2, 3 x mSATA (mPCIe Slot), 2 x SIM
PCI/PCIe Slots	1 x PCIe(x16), 1 x PCIe(x1)
mPCIe Slots	3 x Full-Size for WiFi / GSM or expansion cards
Antenna Holes	2 x for wireless communication

Further Data

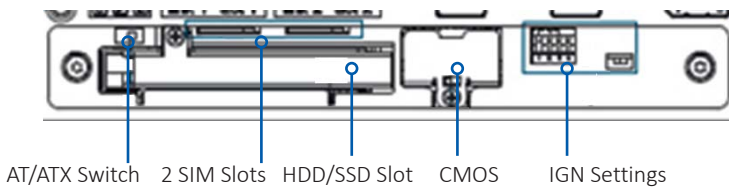
Power	AT/ATX 9~48 V DC
Dimensions (W x H x D)	227 x 128 x 261 mm
Weight (net/gross)	6,0 kg / 8,4 kg
Mounting	Wall
Warranty	24 months
Packing List	1 x Power Terminal Block (female), 1 x Remote Power Terminal Block, 1 x Fan Terminal Block, 1 x Driver/Manual Medium, 1 x Microsoft® Windows® Recovery Medium, 2 x rails for Wall mount, 1 x DVI to VGA Adapter

Spectra PowerBox 3200C-Series

Interfaces



Details Service lid



Further options - Ask us!

CPU Alternative

- Spectra PowerBox 32C Essential with Core i3-9100TE

Interfaces for the proprietary slot

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

Further functions

- Power ignition
- PoE

PCI/PCIe Riser card alternative

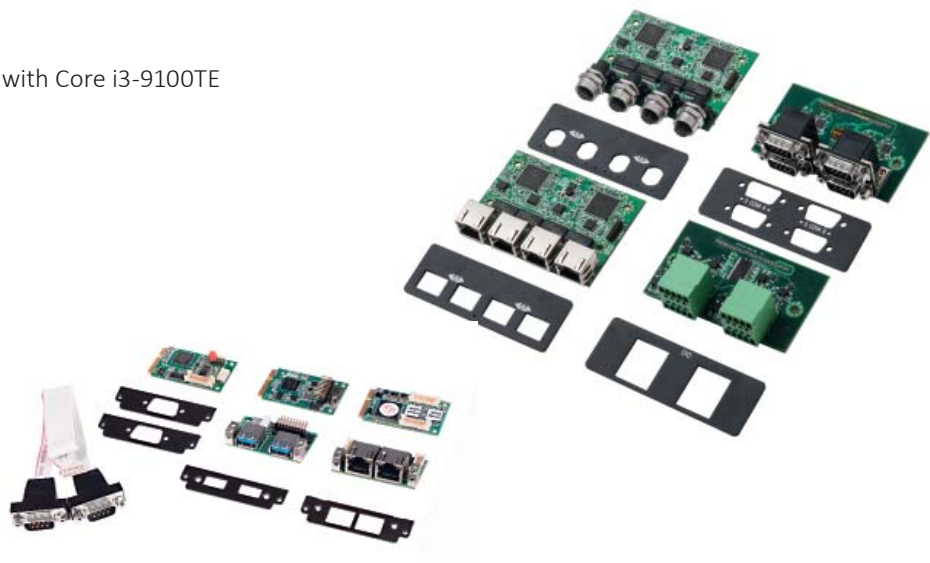
- 2 x PCIe(x8)
- 1 x PCI + 1 x PCIe(x16)

Power supply

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

Mounting Kits

VESA Holder



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. (September 2023)