

Spectra PowerBox 100-Series

Technical Data



Features

- Pre-defined Box-PC
- Intel® Celeron® J1900 CPU
- 2 x mPCIe
- 1 x USB 3.2 Gen 1, 3 x USB 2.0
- 2 x GLAN, 2 x COM, 1 x DVI
- Windows® 10 IoT Enterprise

Model	Spectra PowerBox 100 Basic 1	Spectra PowerBox 100 Basic 1 Wide Temp	Spectra PowerBox 100 Basic 2	Spectra PowerBox 100 Basic 2 Wide Temp
Article n°	167193	167201	167245	167246

System Configuration

CPU	Intel® Celeron® J1900 4 Core / 4 Threads / Base Freq. 2.00 GHz / Burst Freq. 2.42 GHz			
RAM	8 GB	8 GB WT	8 GB	8 GB WT
SSD	128 GB 2.5" SATA-6G	128 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	2 x Intel® i210 Gigabit-LAN
Graphics	integrated in CPU
Audio	Realtek ALC888S Codec
Front IOs	1 x USB 3.2 Gen1, 3 x USB 2.0 2 x RJ45
	1 x Line-out, 1 x Mic-in
Rear IOs	2 x RS-232/422/485 1 x DVI-I (1920 x 1080 FHD)

Drives & Expansions

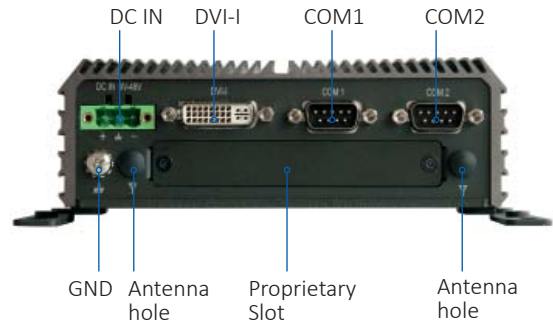
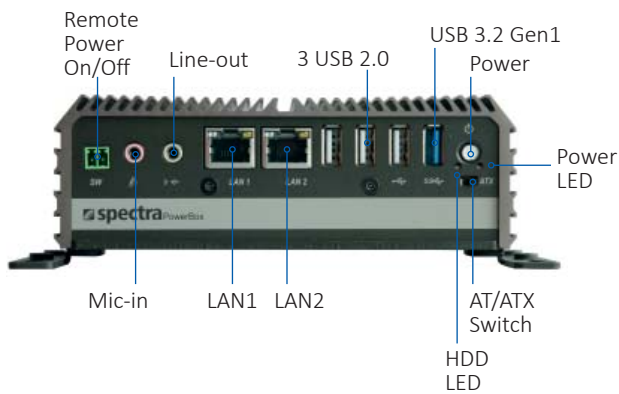
Storage	1 x mSATA (mPCIe Slot), 1 x SIM, 1 x DOM
PCI/PCIe Slots	-
mPCIe Slots	2 x Full-Size for WiFi / GSM or expansion cards
Antenna Holes	2 x for wireless communication

Further Data

Power	AT/ATX 9~48 V DC
Dimensions (W x H x D)	150 x 52,27 x 105 mm
Weight (net/gross)	1,3 kg / 2,4 kg
Mounting	Wall
Warranty	24 months
Packing List	1 x Power Terminal Block (female), 1 x Driver/Manual Medium, 1 x Microsoft® Windows® Recovery Medium, 2 x rails for Wall mount, 1 x DVI-I-VGA Adapter

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Interfaces



Further options - Ask us!

Interfaces for the proprietary slot

- 2 x RS-232/422/485
- 1 x LPT/PS2
- 4 x DI / 4 x DO
- 1 x DP
- 1 x DVI-D
- 1 x HDMI
- 1 x VGA
- 2 x Gigabit-LAN
- 2 x USB 3.2 Gen 1
- Fieldbus connectivity



Power supply

Power adapter, 60W, 12V/5A, C14, 3-pin, Tube

Mounting Kits

DIN-Rail, Side Mount-DIN-Rail, Sideboard, VESA



DIN-Rail



Side Mount DIN-Rail



Sideboard



VESA