



Industrial PC

Spectra PowerBox C1/C6

Industrial Box-PC | Coffee Lake

Features

- Designed for 7d/24h with full performance
- Intel® 9th Generation CPU (Coffee Lake)
- SO-DIMM DDR4
- NVMe M.2 SSD
- Expansion slot for a halfsize PCIe(x16) card
- Long term availability min. Q3 2034

Spectra PowerBox C1/C6

Technical Data

| Model | Spectra PowerBox 12C1 | Spectra PowerBox 12C6 |
|------------|-----------------------|-----------------------|
| Article n° | 162176 | 162177 |

Configuration

| | | |
|-------------------|---|---|
| Processor | Intel® Core™ i7-9850HE Hexa-Core 2,70 GHz | Intel® Xeon® E2276EM Hexa-Core 2,80 GHz |
| Installed Memory | 16 GB DDR4 | 16 GB DDR4 |
| Installed Storage | 512 GB NVMe M.2 SSD | 512 GB NVMe M.2 SSD |
| Operating system | Microsoft® Windows® 10 IoT Enterprise 2021 LTSC, 64-bit, german / english | |

Controllers & Interfaces

| | | |
|------------|---|--|
| Ethernet | 1 x Intel® I219LM Gigabit-LAN 1 x Intel® I211AT Gigabit-LAN | 1 x Intel® I219LM Gigabit-LAN 1 x Intel® I210AT Gigabit-LAN |
| Graphics | Intel® HD Graphics Gen. 9 | |
| Audio | Realtek ALC888S HD, 7.1 Channel | |
| Front I/Os | <ul style="list-style-type: none"> • 2 x USB 3.2 Gen 1 • 2 x RS-232 (9-pol. D-Sub) | |
| Rear I/Os | <ul style="list-style-type: none"> • 1 x DVI-D • 1 x HDMI(2.0) • 1 x DP • 2 x COM • 6 x USB 3.0 • 2 x RJ45 • 3 x Audio | |

Drives & Expansions

| | |
|----------------------|--|
| Storage (free) | -- |
| PCI/PCIe/mPCIe Slots | <ul style="list-style-type: none"> • 1 x PCIe(x16) • 1 x mSATA (under sde from Board) |
| M.2 Slots | 1 x M.2 2230 E-Key |
| Further Slots | Optional <ul style="list-style-type: none"> • Adapter on 2,5" socket for 2 x mSATA flash modules (RAID 0/1) |
| Cut-out for Antennas | -- |

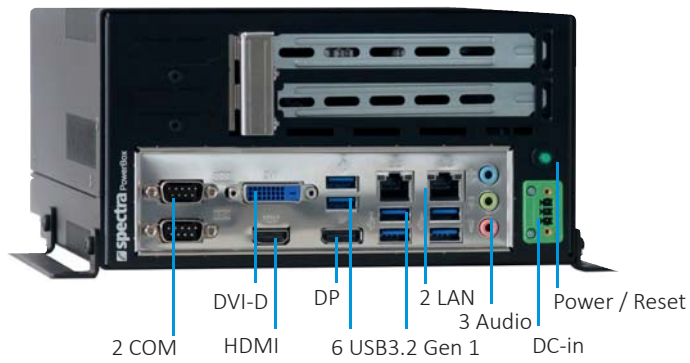
Further Data

| | |
|------------------------|---|
| Power | 9- 36 V DC in |
| Temperatures | <ul style="list-style-type: none"> • Temperature range: 0°C to 45°C operating temperature • Temperature change: max. 10°C / 30 min • Relative humidity: 10% to 90 % • Atmospheric pressure: 700 to 1100 hPa • Condensate formation: non condensing |
| Chassis | robust compact chassis in Aluminium Colour: schwarz |
| Dimensions (W x H x D) | 200 x 110 x 250 mm |
| Weight (net/gross) | 1,7 kg / 3,4 kg |
| Mounting | Wall |
| Warranty | 24 Months |
| Packing List | 1 x Microsoft® Windows® Recovery Medium, 2 x rails of wall mount |

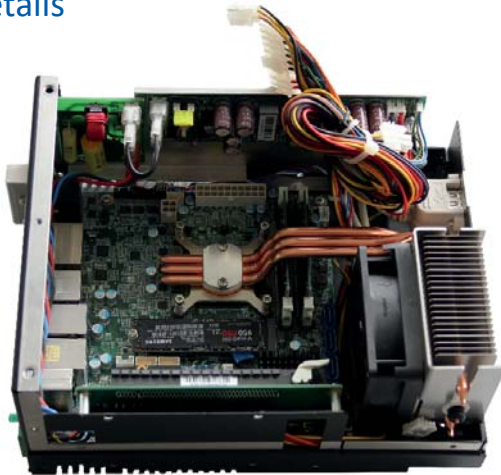
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Interfaces



Details



The RPM-regulated 80 mm fan with heatpipe warranties a permanent low temperature level inside the chassis. The life-time of all components is increased considerably. The construction warranties under full load and temperature over 35°C a whisper quiet operation.

Configuration variants

- CPU: Intel Core™ i5-7440EQ or Core™ i3-7100E
- Storage: 2.5" SSD
- RAM: max. 32 GB DDR4
- Expansion Slots: 2 x PCIe(x8)
- Operating system: Linux Fedora 64-bit or Ubuntu 64-bit

Accessories - optional

- 160 W power adapter
- DVD Burner

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