



Industrial PC

Spectra PowerBox C0/C5

Industrial Box-PC | Coffee Lake

Features

- Designed for 7d/24h with full performance
- Intel® 8th Generation CPU (Coffee Lake)
- SO-DIMM DDR4
- NVMe M.2 SSD
- Expansion slot for a halfsize PCIe(x16) card
- Long term availability min. Q2 2033

Spectra PowerBox C0/C5

Technical Data

Model	Spectra PowerBox 12C0	Spectra PowerBox 12C5
Article n°	156805	156807

Configuration

Processor	Intel® Core™ i7-8850H Hexa-Core 2,60 GHz	Intel® Xeon® E2176M Hexa-Core 2,70 GHz
Installed Memory	16 GB DDR4	16 GB DDR4 ECC
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. 8	
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	--

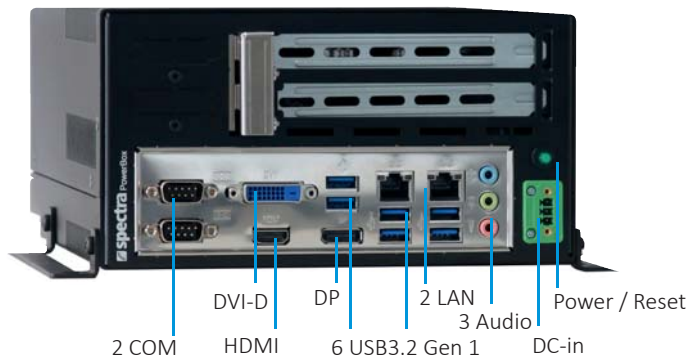
Further Data

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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