



Industrial PC

Spectra PowerTwin 2200-Series

Industrial Box-PC | Alder Lake

Features

- Pre-defined Box-PC Systems with Intel® Core™ i5-1245UE, 8 GB DDR5, 128 GB 2.5" SSD, Windows 11 IoT
- 2x mPCIe, 1x M.2
- 3x USB 3.2 Gen2, 1x USB 2.0, 2x Gigabit-LAN, 4x RS-232/422/485, 16 DIO
- 1x DP, 1x HDMI, 1x VGA



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Technical Data

	Spectra PowerTwin 2200 Advanced 1	Spectra PowerTwin 2200 Advanced 1 Wide Temp
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System configuration

Processor	Intel® Core® i5-1245UE / 10 Kerne / bis 4,40 GHz / 15W TDP	
RAM	8 GB	8 GB WT
Storage	128 GB 2.5" SATA-6G	128 GB 2.5" SATA-6G WT
OS	Microsoft® Windows® 11 IoT Enterprise LTSC 2024, 64-bit, german / english	
Operating temperature	0°C ~ +45°C	-40°C ~ +70°C

Controllers & Interfaces

Ethernet	1x Intel® i219 Gigabit-LAN, 1x Intel® i210 Gigabit-LAN 2 x RJ45	
Graphics	Intel® Iris® Xe Graphics 1 x DP (4096 x 2304 4K), 1 x HDMI (3840 x 2160), 1 x VGA (1920 x 1200 FHD)	
Audio	Realtek ALC888 Codec 1 x Line-out, 1 x Mic-in, Loudspeaker: 2 x 2 W	
Further I/O	3 x USB 3.2 Gen2, 1 x USB 2.0, 4 x RS-232/422/485, DIO: 8 Ein-/8 Ausgänge	

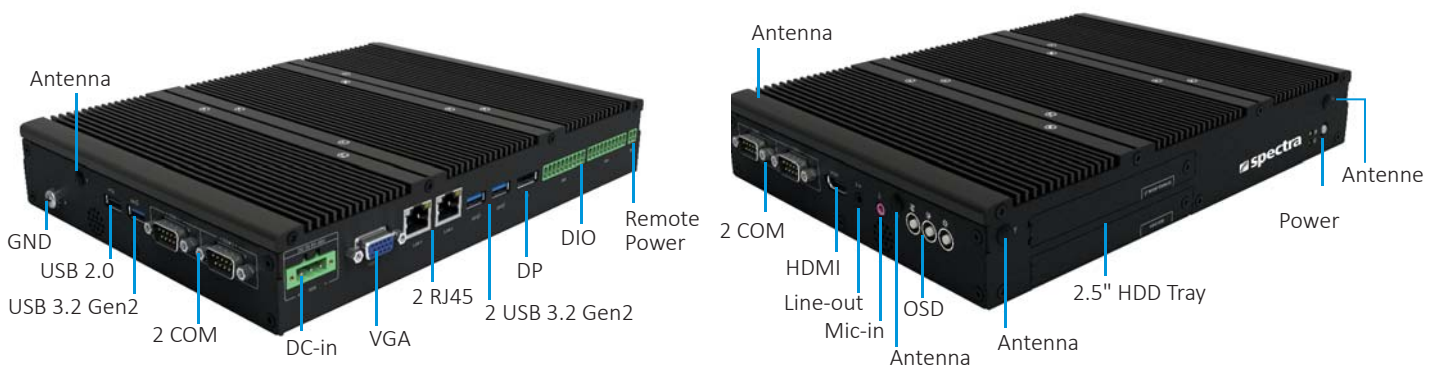
Drivers & Expansions

Storage Slots (free)	1 x 2.5" HDD/SSD, 1 x SIM	
PCI/PCIe Slots	-	
mPCIe Slots	2 x Full-Size for WiFi / GSM or expansion cards	
M.2 Slots	1 x M.2 2230 E-Key (CNVi)	
Antenna breakouts	4 x for wireless communication	

Further Data

Power	AT/ATX 9~48 V DC	
Mounting	Wall, VESA 100	
Dimensions (WxLxD)	255 x 42 x 190 mm	
Weight (net/gross)	3,4 kg / 3,9 kg	
Warranty	24 months	

Interfaces



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Extended equipment options

- Processor: Intel® Core® i3-1215UE, 6 Cores, up to 4.40 GHz, 15W TDP
- With Expansion slot: 1x PCI/PCIe(x4) for Cards with max. dimensions of 111 x 169 mm (HxL)
- Functions:
 - PoE Control Function, 25.5 W/Port
 - Power Ignition Sensing, 12V/24V selectable

Ask us!



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Optional Accessories

- Power Adapter:
 - 120W 24V/5A
 - 220W 24V/9.2A (when using PoE Function)

Dimensions

Unit in mm

