

Spectra PowerTwin 2000-Series

Technical Data



Features

- Pre-defined Panel-PC Systems
- Intel® Core® i5-6300U
- 2 x mPCIe
- 4 x USB 3.2 Gen 1, 1 x USB 2.0
- 2 x GLAN, 6 x COM, 1 x VGA, 1x DVI-D
- Windows® 10 IoT Enterprise LTSC

Modell	Spectra PowerTwin 2000-15		Spectra PowerTwin 2000-17		Spectra PowerTwin 2000-21W	
	Advanced 1	Advanced 1 Wide Temp	Advanced 1	Advanced 1 Wide Temp	Advanced 1	Advanced 1 Wide Temp

Display

	Spectra PowerTwin 2000-15	Spectra PowerTwin 2000-17	Spectra PowerTwin 2000-21W
Size / Aspect ratio	15" / 4:3	17" / 5:4	21.5" / 16:9
Resolution	1024 x 768	1280 x 1024	1920 x 1080
Brightness (cd/m2)	350	350	300
Touchscreen	capazitive oder resistive		

System configuration

Processor	Intel® Core® i5-6300U 2 Cores / 4 Threads / 2,40-3,0 GHz					
RAM	8 GB	8 GB WT	8 GB	8 GB WT	8 GB	8 GB WT
Storage	128 GB 2.5" SATA-6G	128 GB 2.5" SATA-6G WT	128 GB 2.5" SATA-6G	128 GB 2.5" SATA-6G WT	128 GB 2.5" SATA-6G	128 GB 2.5" SATA-6G WT
OS	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	0°C ~ +45°C	-40°C ~ +70°C

Controllers & Interfaces

Ethernet	1x Intel® i219LM Gigabit-LAN, 1x Intel® i210AT Gigabit-LAN, 2 x RJ45
Graphics	integrated in CPU, 1 x DVI-D (1920 x 1080 FHD), 1 x VGA (1920 x 1080 FHD)
Audio	Realtek ALC888 Codec, 1 x Line-out, 1 x Mic-in, Loudspeaker: 2 x 2 W
Further I/O	4 x USB 3.2 Gen1, 1 x USB 2.0 6 x RS-232/422/485 DIO: 8 in-/8 outputs, 1 x PS/2

Drivers & Expansions

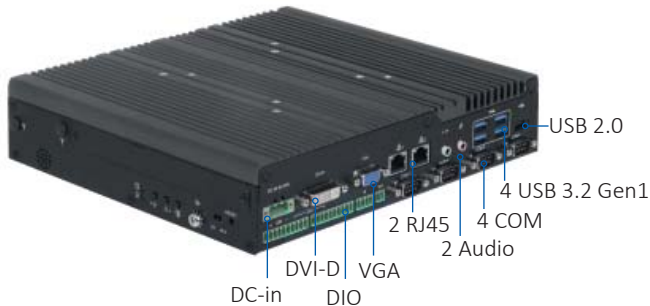
Storage Slots (free)	1 x 2.5" HDD/SSD, 1 x SIM, 1 x CFast, 2 x mSATA (1 of which via mPCIe)
PCI/PCIe Slots	-
mPCIe Slots	2 x Full-Size for WiFi / GSM or expansion cards, 1 of which mSATA
Antenna breakouts	4 x for wireless communication

Further Data

Power	AT/ATX 9~48 V DC		
Mounting cutout (W x H)	394 x 298,5 mm	436 x 366 mm	536 x 316,5 mm
Dimensions (W x H x D)	408 x 312 x 84,5 mm	450 x 350 x 88,5 mm	550 x 330 x 88,5 mm
Weight (net/gross in kg)	7,8/10,0	9,0/11,6	9,9/12,8
Mounting	Panel, Wall, VESA 100		
Warranty	24 months		

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Interfaces



Equipment options – Ask us!

- CPU selection: Intel Core i3-6100U or Core i7-6600U
- Expansion Slot: 1x PCI/PCIe
- Additional interfaces: 2 x Gigabit-LAN, 2 x RS-232, 4 x RS-232/422/485, 2 x USB 3.2 Gen 1
- Further functions: PoE, Power Ignition

Further display sizes on request!



Display size	12.1	15.6"	19"	24"
Aspect ratio	4:3	16:9	5:4	16:9
Resolution	1020 x 768	1366 x 768	1280 x 1024	1920 x 1080
Brightness	500	400	350	300
Touchscreen	capacitive oder resistive			
Mounting cutout W x H in mm	331 x 251	406 x 240	496 x 375	591 x 359
Dimensions W x H x D in mm	345 x 265 x 82	420 x 254 x 91	510 x 389 x 88,5	605 x 373 x 88,5
Weight (approx. kg)	6,0	7	8,5	8,5