

# Spectra PowerTwin 2100-Series

## Technical Data



### Features

- Pre-defined Panel-PC Systems
- Intel® Core® i5-8365UE
- 2 x mPCIe
- 3 x USB 3.2 Gen 2, 2 x USB 2.0
- 2 x GLAN, 4 x COM, 1 x DP, 1 x VGA
- Windows® 10 IoT Enterprise LTSC

Model	Spectra PowerTwin 2100-12H	Spectra PowerTwin 2100-15	Spectra PowerTwin 2100-15W	Spectra PowerTwin 2100-17
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### Display

Size / Aspect ratio	12.1" / 4:3	15" / 4:3	15.6" / 16:9	17" / 5:4
Resolution	1024 x 768	1024 x 768	1366 x 768	1280 x 1024
Brightness (cd/m2)	500	350		350
Touchscreen	kapazitiv oder resistiv			
Mounting cutout (W x H)	331 x 251 mm	394 x 298,5 mm	406 x 240 mm	436 x 366 mm
Dimensions (W x H x D)	345 x 265 x 70 mm	408 x 312 x 72 mm	420 x 254 x 79 mm	450 x 350 x 79 mm
Weight (net/gross in kg)	7,1/9,1	7,1/9,3	8,1/10,8	8,3/10,9

Model	Spectra PowerTwin 2100-19	Spectra PowerTwin 2100-21W	Spectra PowerTwin 2100-24W
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### Display

Größe / Seitenverhältnis	19" / 5:4	21.5" / 16:9	24" / 16:9
Auflösung	1280 x 1024	1920 x 1080	1920 x 1080
Helligkeit (cd/m2)	350	350	350
Touchscreen	kapazitiv oder resistiv		
Montageausschnitt (B x H)	496 x 375 mm	536 x 316,5 mm	591 x 359 mm
Abmessungen (B x H x T)	510 x 389 x 76,5 mm	550 x 330,5 x 76 mm	605 x 373 x 76 mm
Gewicht (netto/brutto in kg)	10,9/14	9,2/12,1	10,8/14,2

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	with standard temperature range	with extended temperature range
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### System configuration

Processor	Intel® Core® i5-8365UE / 4 Cores / 8 Threads / 1,6-4,1GHz or Intel® Core® i3-8145UE / 2 Cores / 4 Threads / 2,20-3,90GHz	
RAM	8 GB	8 GB WT
Storage	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

### Controllers & Interfaces

Ethernet	1x Intel® i219LM Gigabit-LAN, 1x Intel® i210 Gigabit-LAN, 2 x RJ45	
Graphics	integrated in CPU, 1 x DP (4096 x 2304 4K), 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, 2 x USB 2.0, 4 x RS-232/422/485, DIO: 8 in-/8 outputs	

### 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	Panel, Wall, VESA 100	
Warranty	24 months	

## Equipment options – Ask us!

- 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

## Interfaces

