

Spectra PowerTwin 110-Series

Technical Data



Features

- Pre-defined Panel-PC Systems
- Intel® Atom™ x7-E3950
- 2 x mPCIe
- 4 x USB 3.2 Gen 1
- 2 x GLAN, 4 x COM, 1 x DP, 1 x VGA
- Windows® 10 IoT Enterprise LTSC

Modell	Spectra PowerTwin 110-15		Spectra PowerTwin 110-17		Spectra PowerTwin 110-21W	
	Basic 1	Basic 1 Wide Temp	Basic 1	Basic 1 Wide Temp	Basic 1	Basic 1 Wide Temp

Display

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	capacitive or resistive		

System configuration

Processor	Intel® Atom® x7-E3950 4 Cores / 4 Threads / 1,6-2,0 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	-25°C ~ +60°C	0°C ~ +45°C	-25°C ~ +60°C	0°C ~ +45°C	-25°C ~ +60°C

Controllers & Interfaces

Ethernet	2 x Intel® i210AT Gigabit-LAN, 2 x RJ45
Graphics	integrated in CPU, 1 x DP (1920 x 1080 FHD), 1 x VGA (1920 x 1080 FHD)
Audio	Realtek ALC888S Codec, 1 x Line-out, 1 x Mic-in
Further I/O	4 x USB 3.2 Gen1 4 x RS-232/422/485 DIO: 4 in-/4 outputs

Drivers & Expansions

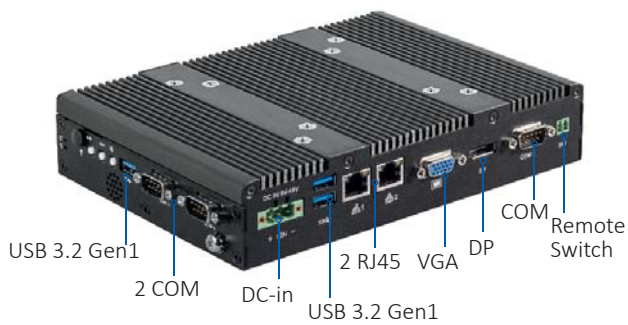
Storage slots (free)	1 x SIM, 1 x mSATA (shared with mSATA)
PCI/PCIe Slots	–
mPCIe Slots	2 x full-size for WiFi / GSM or expansion cards, 1 of which mSATA
Antenna breakouts	4 x for wireless communication

Further Data

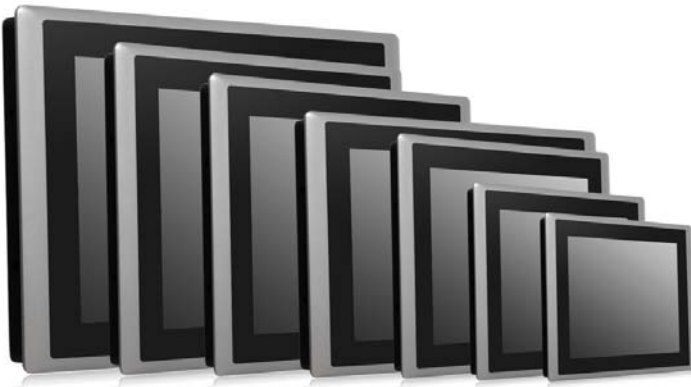
Power	AT/ATX 9~48 V DC		
Mounting cutout (W x H)	394 x 298,5 mm	436 x 366 mm	536 x 316,5 mm
Dimensions (W x H x D)	408 x 312 x 72 mm	450 x 350 x 76 mm	550 x 330 x 77 mm
Weight (net/gross in kg)	6,4/8,6	7,6/10,2	8,5/11,4
Mounting	Panel, Wall, VESA 100		
Warranty	24 months		

Spectra PowerTwin 100-Series

Interfaces



Further display sizes on request!



Display size	8.4"	10.4"	10.4"	12.1	15.6"	19"	24"
Aspect ratio	4:3	4:3	4:3	4:3	16:9	5:4	16:9
Resolution	800 x 600	800 x 600	1020 x 768	1020 x 768	1366 x 768	1280 x 1024	1920 x 1080
Brightness	400	400	400	500	400	350	300
Touchscreen	capacitive or resistive						
Mounting cutout W x H in mm	248 x 172	281 x 213		331 x 251	406 x 240	496 x 375	591 x 359
Dimensions W x H x D in mm	262 x 186 x 70	295 x 227 x 70		345 x 265 x 70	420 x 254 x 79	510 x 389 x 76	605 x 373 x 72
Weight (approx. kg)	3,0	3,5		4,5	6,0	8,5	8,5

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