



*Industrial PC*

## Spectra Silent-wSL

All-in-One PC, Slim Line, full IP65

### Features

- High-quality slim chassis, 58 / 44 mm deep
- Full IP65 protection class
- All-in-One PC with 12" to 24" Industrial Display
- Resistive Touchscreen
- 21.5" & 24" Models with Widescreen
- Passive cooling (fanless)
- Rear interfaces can be individually led out
- Front USB 2.0-Service socket, waterproof
- WLAN as standard
- VESA or Stand mounting

### Details



Waterproof USB 2.0-Service socket

# Spectra Silent-wSL

## Displays' technical data

Model	Spectra Silent-wSL 12R	Spectra Silent-wSL 15R	Spectra Silent-wSL 17R
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### Display

Size / Aspect Ratio	12.1" / 4:3	15" / 4:3	17" / 5:4
Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)	1280 x 1024 (SXGA)
Brightness (cd/m <sup>2</sup> )	500	400	350
Contrast Ratio	700:1	700:1	1000:1
Viewing Angles (h/v)	160°/160°	130°/150°	170°/170°
MTBF Backlight (h)	50.000	50.000	50.000
Touchscreen	resistive	resistive	resistive
Dimensions (W x H x D)			
Core i Models	316 x 268 x 58 mm	377 x 314 x 58 mm	415 x 359 x 58 mm
Celeron Models	316 x 268 x 44 mm	377 x 314 x 44 mm	415 x 359 x 44 mm
Weight (net/gross)	4,0 kg / 7,0 kg	6,5 kg / 9,5 kg	7,0 kg / 10 kg

Model	Spectra Silent-wSL 19R	Spectra Silent-wSL 21R	Spectra Silent-wSL 24R
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### Display

Size / Aspect Ratio	19" / 5:4	21.5" / 16:9	24" / 16:9
Resolution	1280 x 1024 (SXGA)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)
Brightness (cd/m <sup>2</sup> )	350	300	300
Contrast Ratio	1000:1	5000:1	700:1
Viewing Angles (h/v)	170°/160°	178°/178°	170°/160°
MTBF Backlight (h)	50.000	50.000	50.000
Touchscreen	resistive	resistive	resistive
Dimensions (W x H x D)			
Core i Models	457 x 389 x 58 mm	546 x 355 x 58 mm	622 x 396 x 58 mm
Celeron Models	457 x 389 x 44 mm	546 x 355 x 44 mm	622 x 396 x 44 mm
Weight (net/gross)	10,5 kg / 13,5 kg	11,5 kg / 14,5 kg	12,5 kg / 15,5 kg

## Rear view construction



Celeron® Models



Core™ i Models

## Optional accessories

Keyboards, Sideboards, Stands



# Spectra Silent-wSL

## Pre-configured systems' technical data

	Spectra Silent-wSL * J3455	Spectra Silent-wSL * i5-1145G7E
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### System Configuration

Processor	Intel® Celeron® J3455 4 Cores / 4 Threads / 1,5-2,30 GHz	Intel® Core™ i5-1145G7E 4 Cores / 8 Threads / 1,50-4,10 GHz
Installed Memory	8 GB	8 GB
Installed Storage	256 GB M.2-2242 M-Key SATA SSD	256 GB M.2-2280 M-Key NVMe SSD
Operating system	Microsoft® Windows® 10 IoT Enterprise LTSC, 64-bit, german / english	
Operating temperature	0°C ~ +40°C	0°C ~ +40°C

### Interfaces (Internal interfaces can be individually led out due to IP65 seal)

Ethernet	2 x RJ45	2 x RJ45
Graphics	1 x HDMI	2 x DP
USB	1 x USB 2.0 (underside, IP65) 3 x USB 3.2 Gen1 1 x USB 2.0	1 x USB 2.0 (underside, IP65) 3 x USB 3.2 Gen1 1 x USB 2.0
COM	1 x RS232 1 x RS232/422/485	2 x RS232/422/485
Others	WLAN 802.11a/c, Bluetooth 5.1 2 x external Antennas OSD Menu Optional: Control panel mit programmable digit locking code Audio optional: 2 x 1 W (waterproof)	

### Drives & Expansions

mPCIe Slots	1 (taken by WLAN)	--
M.2 Slots	1 x M.2 3052 B-Key (SIM/5G)	1 x M.2 2230 E-Key (taken by WLAN) 1 x M.2 3052 B-Key (SIM/5G)

### Further Data

Power	100- 240 VAC, 12 V power supply
Chassis	Powder-coated Aluminium, anthracite grey (RAL 7016), Full IP65
Cooling	passive (fanless)
Mounting	VESA 100, Stand (optional accessoire)
Warranty	24 months

## Ordering information

Display size	Spectra Silent-wSL * J3455		Spectra Silent-wSL * i5-1145G7E	
12.1"	N° 170721	Spectra Silent-wSL 12R J3455	N° 170723	Spectra Silent-wSL 12R i5-1145G7E
15"	N° 170722	Spectra Silent-wSL 15R J3455	N° 170724	Spectra Silent-wSL 15R i5-1145G7E
17"	N° 166206	Spectra Silent-wSL 17R J3455	N° 170725	Spectra Silent-wSL 17R i5-1145G7E
19"	N° 169872	Spectra Silent-wSL 19R J3455	N° 169864	Spectra Silent-wSL 19R i5-1145G7E
21.5"	N° 168336	Spectra Silent-wSL 21R J3455	N° 170726	Spectra Silent-wSL 21R i5-1145G7E
24"	N° 170321	Spectra Silent-wSL 24R J3455	N° 170727	Spectra Silent-wSL 24R i5-1145G7E