



Features:

1. Cordless motherboard design, high-end industrial panel PC.
2. Intel Celeron J4125/J6412/N100 or Intel Core 8th/10th/12th Gen of i5/i7.
3. Aluminum alloy shell, seamless design, front panel IP65 waterproof. Integrated heat sink on the back side, excellent heat dissipation.
4. With Rubber waterproof ring on the back side.
5. Industrial LCD panel, wide viewing angle, high nits, true color.
6. LCD+HDMI dual display, synchronous/asynchronous mode
7. Full flat touch screen, low power consumption, fanless.
8. 9V-36V Wide Voltage.
9. High performance motherboard, 7x24 continuous operation.

Data sheet of SC800M Panel PC

PC	
CPU Optional	Intel® Celeron J4125, 4 Cores, 4 Threads, Base 2.0 GHz, Turbo 2.7 GHz, 4MB Cache, Fanless
CPU Optional	Intel® Celeron J6412, 4 Cores, 4 Threads, Base 2.0 GHz, Turbo 2.6 GHz, 1.5MB Cache, Fanless
CPU Optional	Intel® N100, 4 Cores, 4 Threads, Base 0.8 GHz, Turbo 3.3 GHz, 6MB Cache, Fanless
CPU Optional	Intel® Core i5-8260U 4 Cores, 8 Threads, Base 1.6 GHz, Turbo 3.9 GHz, 6MB Cache, Fanless
CPU Optional	Intel® Core i5-8365U 4 Cores, 8 Threads, Base 1.6 GHz, Turbo 4.1 GHz, 6MB Cache, Fanless
CPU Optional	Intel® Core i7-8565U 4 Cores, 8 Threads, Base 1.8 GHz, Turbo 4.6 GHz, 8MB Cache, Fanless
CPU Optional	Intel® Core i7-8569U 4 Cores, 8 Threads, Base 2.8 GHz, Turbo 4.7 GHz, 8MB Cache, Fanless
CPU Optional	Intel® Core i5-10210U 4 Cores, 8 Threads, Base 1.3 GHz, Turbo 4.2 GHz, 8MB Cache, Fanless
CPU Optional	Intel® Core i5-10310U 4 Cores, 8 Threads, Base 1.7 GHz, Turbo 4.4 GHz, 8MB Cache, Fanless
CPU Optional	Intel® Core i7-10510U 4 Cores, 8 Threads, Base 1.8 GHz, Turbo 4.9 GHz, 8MB Cache, Fanless
CPU Optional	Intel® Core i7-10610U 4 Cores, 8 Threads, Base 1.8 GHz, Turbo 4.9 GHz, 8MB Cache, Fanless
CPU Optional	Intel® Core i5-1135G7/i5-1155G7, 4 Cores, 8 Threads, Base 2.4 GHz, Turbo 4.2 GHz, 8 MB Cache, Fanless
CPU Optional	Intel® Core i7-1165G7/i7-1195G7, 4 Cores, 8 Threads, Base 2.8 GHz, Turbo 4.7 GHz, 12 MB Cache, Fanless
CPU Optional	Intel® Core i5-1235U/1245U, 10 Cores(Performance -core 2, Efficient-core 8), 12 Threads, Turbo frequency 4.4 GHz, 12 MB Cache, Fanless
CPU Optional	Intel® Core i7-1255U/1265U, 10 Cores(Performance -core 2, Efficient-core 8), 12 Threads, Turbo frequency 4.8 GHz, 12 MB Cache, Fanless
Memory	J4125: 1x DDR4 SODIMM, Max 8G DDR4 J6412: 1x DDR4 SODIMM, Max 16G DDR4 N100: 1x DDR5 SODIMM, Max 16G DDR5 8/10/11gen: 2x DDR4 SODIMM, Max 64G DDR4 12gen: 2x DDR5 SODIMM, Max 64G DDR4
Storage	1 x M.2 2242/2260/2280 SATA, 1 x SATA(2.5" SATA) , 1 x M.2 2280 NVME
Hard Drive Capacity	128GB, 256GB, 512GB, 1TB, 2TB, 4TB, SSD, 500GB, 1TB, 2TB, 4TB HDD Optional
Network	2x 2.5 GbE RJ45 Intel i225V (4 x 2.5GbE RJ45 Intel I225v Optional)
Wireless Network	WiFi/Bluetooth, 4G/5G, GPS Optional
I/O Interface	4 x USB2.0 , 2 x USB3.0 (J4125/J6412/N100), 2 x USB2.0 , 4 x USB3.0 (Core i5/i7), 2x DB-9 COM1& COM2, RS232/422/485, 1x HDMI/Audio Line-out/ Power Button, 1x AT/ATX switch, 1 x Extended IO: 4x RS232(4x3 wire COM3&COM4&COM5&COM6), GPIOx10, 1x Remote Switch, 2x 8Ω 1W Amplifier out optional, 1x DC 9-36V IN
Expansion slot	M.2 3042/3052 3G/4G/5G Module, onboard SIM Card Slot; M.2 2230 WiFi Bluetooth
Watchdog timer	1 to 65535 seconds programmable setting
Operation System	Support Windows® 10/11, WES 10, LINUX, etc.
Support	TPM 2.0, PXE Boot, UUIO

LCD panel							
Panel size	10.1 inch	12.1 inch	15 inch	15.6 inch	17 inch	19 inch	21.5 inch
Model	SC101	SC121	SC15	SC156	SC17	SC19	SC215
Resolution	1280*800	1024*768	1024*768	1920*1080	1280*1024	1280*1024	1920*1080
Aspect ratio	16:10	4:3	4:3	16:9	5:4	5:4	16:9
Support Color	16.2M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
Brightness (cd/m²)	400(cd/m²)	500(cd/m²)	350(cd/m²)	300(cd/m²)	300(cd/m²)	300(cd/m²)	300(cd/m²)
Response time	5ms	5ms	5ms	5ms	5ms	5ms	5ms
Contrast ratio	900:1	1000:1	1000:1	800:1	1000:1	1000:1	1000:1
View angle	85°/85°/85°/85° (R/L/U/D)	89°/89°/89°/89° (R/L/U/D)	89°/89°/89°/89° (R/L/U/D)	85°/85°/85°/85° (R/L/U/D)	89°/89°/89°/89° (R/L/U/D)	89°/89°/89°/89° (R/L/U/D)	89°/89°/89°/89° (R/L/U/D)
Touch panel							
Touchscreen Type	Project Capacitive Touch (10 points)			Resistive touch		None	
Touch response time	2ms			2ms		/	
Luminousness	90%			90%		/	
Surface Hardness	7H			3H		/	
Working life	>50 million times			>50 million times		/	
Power Supply							
External Power Supply	AC 100-240V						
Working voltage	9-36V DC Wide Voltage with 4PIN Aviation Connector						
Power consumption	20-80W						
Enclosure							
Material	Aluminum Alloy						
Color	Grey						
VESA mounting	75x75/100x100mm M4						
IP grade	Front panel IP65 waterproof						
Operating Environment							
Temperature Range	Operating: -20 to 60°C, Storage: -30 to 70°C						
Relative humidity	10%~90% @ 30° C, Non-condensing						
Vibration	5-500 Hz, 0.026 G²/Hz, 2.16 Grms, X, Y, Z, 1 hour per axis						
Packing Details							
Size	10.1 inch	12.1 inch	15 inch	15.6 inch	17 inch	19 inch	21.5 inch
Net weight	2.8kg	4kg	4.5kg	4.2kg	6kg	6.5kg	7kg
Gross weight	3.3kg	4.8kg	5.5kg	5.1kg	7kg	7.5kg	8.5kg
Product Dimension	289.53x192.4x68mm	318.8x245x65.5mm	376.13x285.34x58.9mm	402.76x252.19x65.3mm	400.66x329.76x68.1mm	437.27x361.27x68.8mm	533.6x327.12x70.9mm
Packing size	35.5x16.5x31.5cm	46x16.5x40.5cm	46x16.5x40.5cm	46x16.5x40.5cm	51x16.5x49cm	51x16.5x49cm	64x17x45cm
Accessories	Power adapter, Power cord, Embedded screws						
Accessories optional	WIFI module, 3G/4G/5G module, VESA bracket						
Other							
Mounting (options)	Embedded mounting screws						
	Wall mounting brackets (optional)						
	Desk stand holder (optional)						
Warranty	2 years warranty						
Certificate	CE, FCC, RoHS, ISO 9001						

Product Dimension





