

# SPC-6000



## Industrial Strength, Intelligent Performance

System	Intel Atom® x6425RE Processor (Elkhart Lake)
Chipset	Intel® SoC
BIOS	AMI
SIO	IT8786E
Memory	1 DDR4 3200MHz SO-DIMM, up to 32GB
Graphics Processor	Intel® UHD Graphics for 10th Gen Intel® Processors
Dual Display	DVI-I: Up to 3840 x 2160 @60Hz DisplayPort: Up to 4096 x 2160 @60Hz
LAN 1	Intel® Ethernet Controller I210 supports GigE LAN
LAN 2 (2.5G)	Intel® Ethernet Controller I225-IT supports 2.5 GigE LAN
Audio Codec	Realtek ALC888S, 7.1 Channel HD Audio. Audio Interface: Line-out
M.2 Storage	1 M.2 Key M Socket (2280, PCIe x2/SATA)
Serial	4 COM RS-232/422/485 (ESD 8KV)
USB	2 USB 3.1 (External) 2 USB 2.0 (External)
LED	HDD, WLAN, Power, WWAN
SIM	1 External Nano SIM Card Socket
M.2 Expansion	1 M.2 Key B Socket (3042/3052, PCIe x2/USB 3, Default/USB 2) 1 M.2 Key E Socket (2230, PCIe/USB)
Power Input	12V DC-in
Power Interface	3-pin Terminal Block: V+, V-, Frame Ground
TPM	Infineon SLB9670 supports TPM 2.0, SPI Interface
Watchdog Timer	Reset: 1 to 255 sec./min. per step
HW Monitor	Monitoring temperature, voltages. Auto throttling control when CPU overheats.
OS	Windows 10, Linux
Dimension / weight	106.2mm x 150.4mm x 66.0mm (4.18" x 5.92" x 2.60"); 1.4 kg (3.1 lb)
Mounting	Wallmount by mounting bracket DIN Rail Mount (Optional)
Operating Temp.	-40°C to 70°C (-40°F to 157°F)
Storage Temp.	-40°C to 85°C (-40°F to 185°F)
Humidity	5% to 95% Humidity, non-condensing
Relative Humidity	95% @85°C
Shock	IEC 60068-2-27SSD: 50G @ wallmount, Half-sine, 11ms
Vibration	IEC 60068-2-64SSD: 5Grms, 5Hz to 500Hz, 3 Axis
EMC	CE, FCC, EN50155, EN50121-3-2