

# SPPC-1500

## 15" Apollo Lake Touch Panel PC



## Features

- / Intel® Apollo Lake SoC with Integrated Chipset.
- / Projective Capacitive Touchscreen Full Flat Design.
- / Waterproof Power Button.
- / Rich and swappable I/O, 1 x LAN, 2 x USB, 1 x COM by M12, 8-pin(male) with waterproof cover and chain.
- / Full System IP65 & IPX9K.
- / Metal Waterproof Connectors.
- / Wide Range DC in +12V ~ +24V.
- / Wide Temperature -10°C ~ 50°C.
- / Full System IP66, IP69K.
- / Multiple OS support (Win10, Linux, Android).
- / Optional WiFi/BT with waterproof antenna.
- / Optional Auto Dimming/ High Brightness Solution.

# Specification

Model Name	SPPC-1500	
System Information	Processor	Intel® Celeron® Processor J3455
	Platform Controller Hub	Intel Apollo Lake SoC integrated
	System Memory	2 x 204-pin DDR3L 1600MTs SO-DIMM up to 16 GB
	I/O Chipset	EC ITE IT8528E
	Watchdog Timer	H/W Reset, 1sec. ~ 65535sec./1sec.step
	H/W Status Monitor	Monitoring SYSTEM Temperature and Voltage with Auto Throttling Control
	TPM	Option for Infineon SLB9665 TPM 2.0
	SBC	EMX-APLP
	Expansion	Expansion
Storage	Storage	Default with 64GB mSATA
	Other Storage Device	1 x 2.5" Drive Bay for SSD/HDD (by option)
Panel	LCD Size	15", 4:3
	Display Type	XGA
	Resolution	1024x768
	Pixel pitch	0.297mm(H) x 0.297mm(V)
	Luminance	300 cd/m <sup>2</sup>
	Contrast ratio	2000
	Viewing angle	88 (U), 88 (D), 88(L), 88 (R)
	Response time	16ms
	Backlight	LED
	Touch Type	Projective Capacitive
	Touch Light Transmission	85%
I/O	Touch Controller	ILITEK COF Touch
	USB Port	2 x M12 8-pin (male) for 2 x USB 2.0 with waterproof cover and chain
	COM Port	1 x M12 8-pin (male) COM(RS-232/422/485) with waterproof cover and chain
	SATA	1 x SATA III
	Other	1 x WiFi with waterproof antenna (Optional)
Display	Graphic Chipset	Intel® HD Graphics 500
	Spec. & Resolution	LVDS: Max. resolution 1920x1080 @ 60Hz eDP: Max. resolution 4096x2160 @ 60Hz
Audio	Audio Codec	Realtek ALC662 supports 2-CH
Certifications	Certification	CE
	Information	FCC Class A
Ethernet	LAN Chipset	2 x Intel I211AT Gigabit Ethernet
	Ethernet Interface	10/100/1000 Base-Tx GbE compatible
	LAN Port	1 x M12 8-pin (male) for LAN with waterproof cover and chain
	DC Input	+12V ~ +24V
Power Requirement	DC Input Connector	1 x M12 3-pin (male) for DC power with waterproof cover and chain
	Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (24V @ 2.5A Adapter) AC-DC Adapter (Need waterproof M12/3Pin- D2.5DC Jack-Plug 200cm cable for M12 DC in connector)
	Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F), by flow = 0.5
Mechanical & Environmental	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
	Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
	Weight	5.7 Kgs
	Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
	Shock Test	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
	IP Rating	Whole System IP65 & IPX9K
	Mounting Kit	Wall / Stand / VESA 75mm x 75mm, 100mm x 100mm
	Power Mode	AT/ATX (ATX is default setting)
	System Fan	Fanless
	Construction - Front	Silver Stainless
	Construction - Rear	Silver Stainless
Software Support	Dimension	393 x 315.8 x 49 mm
	OS Information	Win10/ Linux/ Android x86 8.1

## Contact