

Panel PC

SPPC-2150

21.5" Stainless Steel Chassis Touch
Panel PC



Poindus
COMPAL GROUP

Features

- Intel® Apollo Lake SoC with Integrated Chipset.
- Projective Capacitive Touchscreen Full Flat Design.
- Waterproof Power Button.
- Metal Waterproof Connectors.
- Wide Range DC in +12V ~ +24V.
- Wide Temperature -10°C ~ 45°C.
- Full System IP66, IP69K.
- Optional Auto Dimming/ High Brightness Solution.



Specification

Model Name		SPPC-2150
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
	IO 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
Expansion	SBC	EMX-APLP
		1 x M.2 (2230) A-Key support WiFi module
Storage	Storage	Default with 64GB mSATA
	Other Storage Device	1 x 2.5" Drive Bay for SSD/HDD(Project base)
Display and Touch	LCD Size	21.5", 16:9
	Display Grade	Full HD
	Resolution	1920x1080
	Pixel Pitch	247.95 x 247.95
	Brightness	250 cd/m²
	Contrast Ratio	1000
	Viewing Angle	89 (U), 89 (D), 89(L), 89 (R)
	Response Time	22ms
	Backlight	LED
	Touch Type	Projective Capacitive
I/O	Touch Light Transmission	Projective Capacitive
	Touch Light Transmission	85%
	Touch Controller	EETI 80H84
	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
Compliance	Certifications	CE
		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
Power	DC Input	+12V ~ +24V
	DC Input Connector	1 x M12 3-pin (male) for DC power with waterproof cover and chain
	PSU/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)
Mechanical & Environmental	Operating Temperature	-10°C ~ 45°C (14°F ~ 113°F), by flow = 0.5
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
	Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
	Weight	9.4 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 & IP69K
	Mounting Kit	Wall / Stand / VESA , 100mm x 100mm
	Power Mode	AT/ATX (ATX is default setting)
	Thermal	Fanless
	Housing - Front	Silver Stainless
	Housing - Rear	Silver Stainless
OS Support	Dimension	562 x 365.8 x 49 mm
		Win10/ Linux

Contact

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