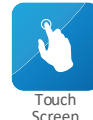


IPPS-2118-SKL2/KBL5

IP68 21.5" P-CAP Fanless Panel PC with Intel® 6th/7th Gen. Processors



Key Features

- Intel® 6th/7th Gen Processor support
- 21.5" LCD, 1920 x 1080, 1600 nits
- P-CAP 10 points touch screen
- 2 USB, 2 COM, 2 LAN
- Advanced Optical Bonding
- IP68 and fanless design
- DC 12V input with M12 connector

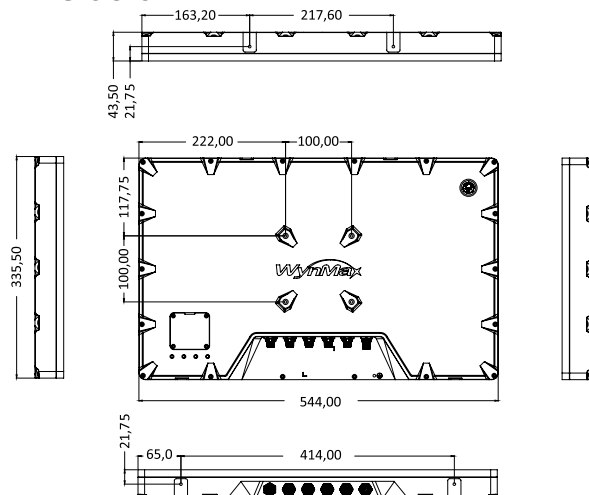
Rugged Panel PCs

Product Specification

System color	Black or Silver
Mechanical	Aluminum extrusion and heavy-duty steel
Display	
Display type	21.5" Full HD TFT LCD
Resolution	1920 x 1080 pixel
Luminance/Brightness	1600 cd/m ² (250 cd/m ² optional)
Color	16.7M colors
Pixel pitch (H/V)	0.24825mm x 0.24825mm
Contrast ratio	900:1
Viewing angle (H/V)	170°/160° (typ.)
Backlight MTBF	100,000 hrs (typ.)
Touch screen type	P-CAP 10 points touch screen
Main System	
Processor	Intel® Core™ i7-6600U 2.6GHz dual core processor (TDP 15W) Intel® Core™ i5-6300U 2.4GHz dual core processor (TDP 15W) Intel® Core™ i3-6100U 2.3GHz dual core processor (TDP 15W) Intel® Celeron® 3955U 2.0GHz dual core processor (TDP 15W) Intel® 7th Gen Core™ i7/i5/i3 processors (LGA1151)
Chipset	Intel® Skylake-U integrated or Intel® H110 PCH
Graphic	Intel® HD Graphics 520/510 or ntel® HD Gen. 9 Graphics
Memory	1 x 260-pin DDR4 2133MHz SDRAM; max. up to 16GB or 2 x 260-pin DDR4 2133MHz SDRAM; max. up to 32GB
System I/O	2 x COM(2 x RS232) ,2 x USB 2.0, 2 x LAN
Ethernet	2 x Gigabit Ethernet (1 x Intel® I210, 1 x Intel® I219LM)
Storage support	1 x 2.5" HDD, 1 x mSATA
Expansion slot	1 x Mini-PCIe (Full size with SIM) 1 x Mini-PCIe (Full size, share with mSATA)
System indicators	1 x Power LED, 1 x HDD LED, 1 x HeaterLED(optional), 1 x Indicate LED
System controls	N/A
Watchdog timer	Interval: Programmable 1 ~ 255 sec. Output: System reset
OS Support	Win7, Win8.1, Win10, Linux
Power supply	DC 12V input, M12 connector(optional 9-36V)
Mounting kit	VESA mount
Environment	
IP level	IP68
Operating temperature	0°C ~ 50°C (optional -20°C)
Storage temperature	-20°C ~ 60°C

Relative humidity	0% ~ 90% (non-condensing)
Dimensions	544 mm(W) x 43.5 mm(D) x 335.5 mm(H)
Weight	7.7 kg

Dimensions



Rear I/O



Ordering Information

Part Number	description
IPPS-2118-SKL2-WP00-1000 (MOQ)	IP68 Waterproof Fanless panel PC ,21.5", 1600nits, 1920x1080, P-CAP, Intel® Celeron® 3955U 2.0GHz dual core, 2 USB, 2COM, 2 LAN, DC12V input with M12 connector
IPPS-2118-SKL2-WP00-2000 (MOQ)	Standard Fanless panel PC ,21.5", 1600nits, 1920x1080, P-CAP, Intel® Core™ i3-6100U 2.3GHz dual core, 2 USB, 2COM, 2 LAN, DC12V input with M12 connector
IPPS-2118-SKL2-WP00-3000	Standard Fanless panel PC ,21.5", 1600nits, 1920x1080, P-CAP, Intel® Core™ i5-6300U 2.4GHz dual core, 2 USB, 2COM, 2 LAN, DC12V input with M12 connector
IPPS-2118-SKL2-WP00-4000 (MOQ)	Standard Fanless panel PC ,21.5", 1600nits, 1920x1080, P-CAP, Intel® Core™ i7-6600U 2.6GHz dual core, 2 USB, 2COM, 2 LAN, DC12V input with M12 connector
IPPS-2118-KBL5-WP00-1000	IP68 Waterproof Fanless panel PC ,21.5", 1600nits, 1920x1080, P-CAP, Intel® Core™ i5-7500T , 2 USB, 2COM, 2LAN, DC12V input with M12 connector

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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