

# IPPS-1562-WHLO-ZP00

Wide 15.6" P-CAP Panel PC with 8th Gen. Intel® Whiskey Lake-U mobile processors



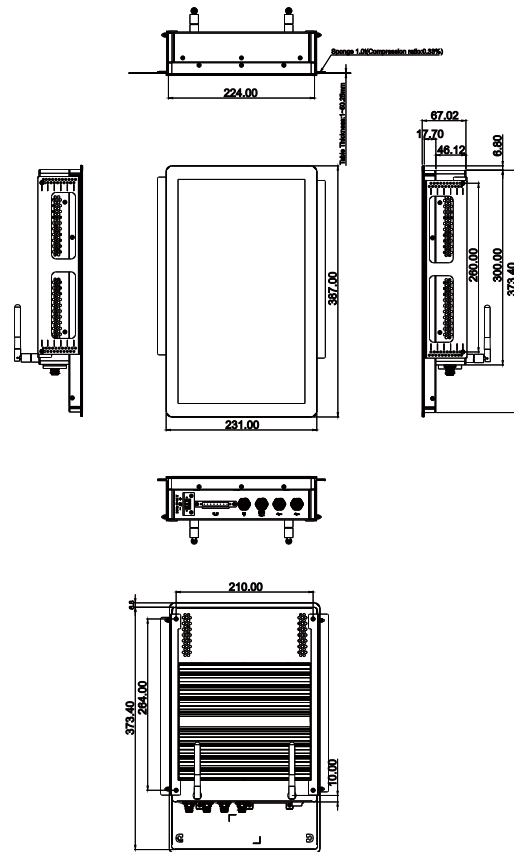
## Key Features

- Intel® 8th Gen Core™ Processor onboard
- 15.6" LCD, 1920 x 1080, 450 nits
- P-CAP 10 points touch screen
- 5USB , 1COM ,1 LAN , 1DIO
- DC 16.8~31.2V input For EN50155

## Product Specification

System color	Black
Mechanical	SECC
Display	
Display type	15.6" FHD TFT LCD
Resolution	1920 x 1080 pixel
Luminance/Brightness	450 cd/m <sup>2</sup> (After Touch 400 cd/m <sup>2</sup> )
Color	16.7M colors
Pixel pitch (H/V)	0.17925mm x 0.17925mm
Contrast ratio	800 : 1 (typ.)
Viewing angle (H/V)	170°/170° (typ.)
Backlight MTBF	50,000 hrs (typ.)
Touch screen type	P-CAP 10 points touch screen
Main System	
Processor	Intel® Core™ i7-8665UE Processor Quad Core (8M Cache, UP to 4.4 GHz) Intel® Core™ i5-8365UE Processor Quad Core (6M Cache, UP to 4.1 GHz) Intel® Core™ i3-8145UE Processor Dual Core (4M Cache, UP to 3.9 GHz) Intel® Celeron® Processor 4305UE Dual Core (2M Cache, 2.0 GHz)
Chipset	Intel® Whiskey Lake-U Processor integrated
Graphic	Intel® Gen 9.5 UHD 620 Graphics integrated
Memory	2 x 260-pin DDR4 2400MHz SDRAM; max. up to 32GB
System I/O	5 xUSB 2.0 (M12x3 port) , 1 xRS232 (M12) 1 x LAN(M12x1port)
Ethernet	1 x Gigabit Ethernet (1 x Intel® I211)
Storage support	1 x M.2 2280 (SATA, NVMe)
Expansion slot	1 x Mini-PCIe (SATA, Full-size) 1 x M.2 B-Key 3042 (WWAN, w/ uSIM)
GPIO	1 x 8-bit Programmable GPIO (2x Phoenix connector)
System controls	N/A
Watchdog timer	Interval: Programmable 1 ~ 255 sec. Output: System reset
Power supply	DC 16.8~31.2V input
Mounting kit	Wall mount
Environment	
IP level	N/A
Operating temperature	-0°C ~ 50°C (optional -20°C ~ 70°C)
Storage temperature	-40°C ~ 80°C
Relative humidity	0% ~ 90% (non-condensing)
Dimensions	231 x 387 x 67
Weight	TBD

## Dimensions



## Ordering Information

### IPPS-1562-WHLO-ZP00-1001

15.6", 450nits, FHD, P-CAP, Intel Celeron® 4305UE Dual Core, 5USB/1LAN, 4GB DDR3L, 64GB M.2 SSD, DC(16.8~31.2V)/Phoenix Connector

### IPPS-1562-WHLO-ZP00-2001

15.6", 450nits, FHD, P-CAP, Intel Core™ i3-8145UE Dual Core, 5USB/1LAN, 4GB DDR3L, 64GB M.2 SSD, DC(16.8~31.2V)/Phoenix Connector

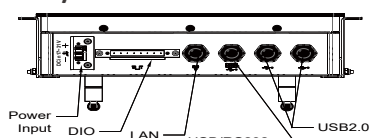
### IPPS-1562-WHLO-ZP00-3001

15.6", 450nits, FHD, P-CAP, Intel Core™ i5-8365UE Quad Core, 5USB/1LAN, 4GB DDR3L, 64GB M.2 SSD, DC(16.8~31.2V)/Phoenix Connector

### IPPS-1562-WHLO-ZP00-4001

15.6", 450nits, FHD, P-CAP, Intel Core™ i7-8665UE Quad Core, 5USB/1LAN, 4GB DDR3L, 64GB M.2 SSD, DC(16.8~31.2V)/Phoenix Connector

## Rear I/O



## 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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