

Full IP Product Selection Guide



About Wincomm Corp.

Wincomm is one of Taiwan's leading manufacturer of industrial computer and embedded computer products. Wincomm designs and develops all in one panel PC, large size all in one digital signage system, rugged box PC and embedded software products for a broad range of industries and applications. Wincomm aims to provide hardware and software integrated solutions for the most variant environments such as industrial automation/ human machine interface control, digital signage / infotainment Kiosk, and medical computing.



Full IP | www.wincomm.com.tw

Application



Product Name	WTP Panel PC Series																				WTP Monitor Series							
	WTP-9E66 XX					WTP-9C66 XX					WTP-9A66 XX					WTP-8B66 XX					WTP-8D66 XX			WTD XX				
	15	19	22	24	15W	19W	15	19	15W	19W	15	19	22	10	15	19	22	24	10W	15W	19W	150	15	19	22	15	19	22
Size	15"	19"	21.5"	23.8"	15"	19"	15"	19"	15"	19"	15"	19"	21.5"	10"	15"	19"	21.5"	23.8"	10"	15"	19"	15"	15"	19"	21.5"	15"	19"	21.5"
Resolution	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1920 x 1080 (FHD)	1920 x 1080 (FHD)	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1920 x 1080 (FHD)	800 x 600 (XGA)	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1920 x 1080 (FHD)	1920 x 1080 (FHD)	800 x 600 (XGA)	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1920 x 1080 (FHD)	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1920 x 1080 (FHD)
Color Numbers	16.7M										262K		16.7M					262K		16.7M			16.7M					
View Angle (H/V)	160/160	170/160	178/178	160/160	170/160	160/160	170/160	160/160	170/160	160/160	170/160	160/160	170/160	85/80	80/60	160/160	170/160	85/80	178/178	80/60	160/160	170/160	80/70	160/160	170/160	160/160	170/160	
Contrast	600:1	1000:1	3000:1	600:1	1000:1	600:1	1000:1	600:1	1000:1	600:1	1000:1	1000:1	500:1	600:1	1000:1	3000:1	500:1	600:1	1000:1	3000:1	500:1	600:1	1000:1	800:1	1000:1	600:1	1000:1	
Brightness (nits)	450	350	250	250	450	350	450	350	450	350	450	350	250	230	450	350	250	250	230	400	360	1000	450	350	250	450	350	250
Touch Panel & IO																												
Type	Full Flat Resistive Touch (Full Flat P-cap Touch for option)					Full Flat Resistive Touch (Full Flat P-cap Touch for option)					Full Flat Resistive Touch (Full Flat P-cap Touch for option)					P-cap Touch			Full Flat Resistive Touch (Full Flat P-cap Touch for option)									
USB	1 x M12 8pin for COM 1/RS-232/422/485										1 x M12 8pin for COM 2/RS-232					1 x M12 8pin for USB 1/2, 1 x M12 8pin for USB 3/4					M12 8pin for touch screen							
COM	1 x M12 8pin for COM 1/RS-232/422/485					1 x M12 8pin for COM 2/RS-232					1 x M12 8pin for COM 1/RS-232					1 x M12 8pin for COM 2/RS-232												
LAN	1 x M12 8pin																											
Main System																												
CPU	Intel® skylake (Kaby Lake for option)					Intel® Broadwell					Intel® Ivybridge					Intel® Baytrail					Intel® Apollo Lake							
Memory	up to 32G					up to 16G					up to 16G					up to 8GB												
OS support	Win7 /Win8 / Win10										Win10																	
Storage & Expansion																												
HDD	500G HDD		128G SSD		500G HDD		128G SSD		500G HDD		34G SSD		320G HDD		500G HDD		128 SSD		500G HDD									
Expansion slot	Mini PCIe x 1, M.2 Type E x 1					Mini PCIe x 2					Mini PCIe x 2 (half / full size)					Mini PCIe x 1, M.2 Type E x 1												
Mechanical & Environmental																												
Weight (kg)	8.4	11.5	12	14.8	8.4	11.5	8.4	11.5	8.4	11.5	8.4	11.5	12	6.9	7.6	11	12	13.2	6.5	7.6	11	12	7.6	11	12	10	14	15
Operating Temp.	0~40°C		-20~60°C		0~40°C		-20~55°C		0~40°C		0~50°C		0~40°C		-20~50°C		-20~60°C		0~45°C		-10~55°C		-55°C					
IP rating	IP66/ 67/ 69K																											
Cooling	Fanless										Smart Fan					Fanless												
Power																												
Power Input	DC9-32V		DC9-32V		DC9-32V		DC7-32V		DC7-32V		DC9-36V		DC7-32V		DC9-36V		DC7-32 V		DC9-32V		DC12V							
Power Adapter	AC100-240V		AC100-240V		AC100-277V		AC100-240V		AC90-264V		AC100-240V		AC100-277V		AC90-264V		AC100-277V		AC90-264V		AC90-264V							
Power Consumption	53.8W	60W	58.9W	62.4W	60.3W	52.9W	39.3W	51.2W	36.3W	42.7W	53.3W	67.5W	70.4W	29.7W	30.1W	40.7W	40.2W	37.2W	30.4W	36.1W	28.2W	33.5W	36.3W	42.7W	40.6W			



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Full IP Series Stainless Steel ePlatform Solutions



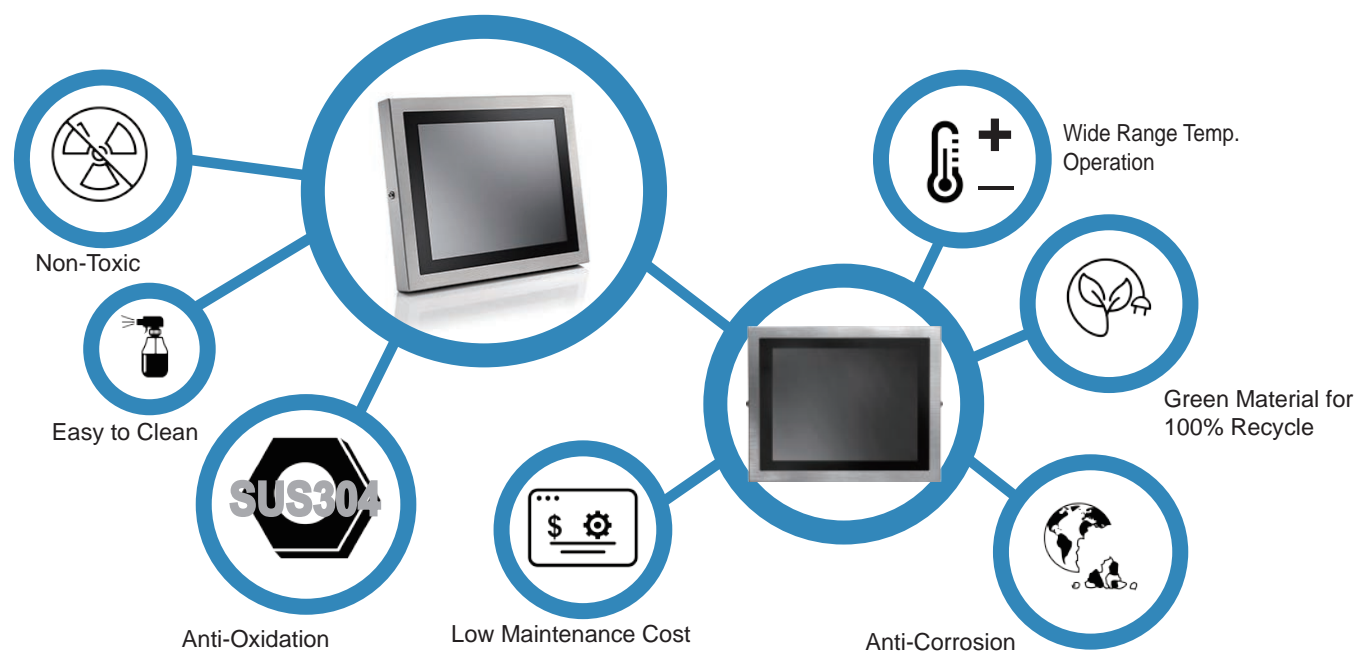


Full IP66/ 67/ 69K Reliable Stainless Steel Panel PCs

The industrial-grade stainless steel panel PC series are built to suit for challenging environments, undergoing rigorous testing to ensure safety and top performance. All of the models in the stainless steel series are sealed to at least IP65 standards, and the Stainless Steel IP69K Panel PC, is sealed to IP69K offering the best solution for environments with hygienic considerations. Featuring at full flat resistive touch, chassis mount with downward I.O to save installation space, Wincomm stainless steel panel PCs and display go beyond that of the standard industrial panel computes with elegant, rugged construction, powerful performance, and flexible mounting options making it ideal for machine controller, command centers, enabling rapid communication, and fast, efficient computing. The IP69K Stainless Steel Panel PC works well in food, beverage, pharmaceutical industry, including chemical manufacturing and other industrial applications. Wincomm takes our users concern and all applications are designed to be WTP series. The further information is illustrated below:

- Expansion Design**: USB 3.0 ready, Waterproof speaker, COM+power
- Full Range of LCD Size**: Size from 10" to 23.8" TFT LCD
- Harsh Environment Solution**: IP67 / IP69K Waterproof, Touch on/off for hygienic cleaning, 24/7 Operation without limitation, Stainless steel housing
- High Quality & Customize Service**: Customization service, Warranty and longevity supporting, Class B

Stainless Steel Benefits



Stainless Steel Panel PC Design Benefits



Features Highlight

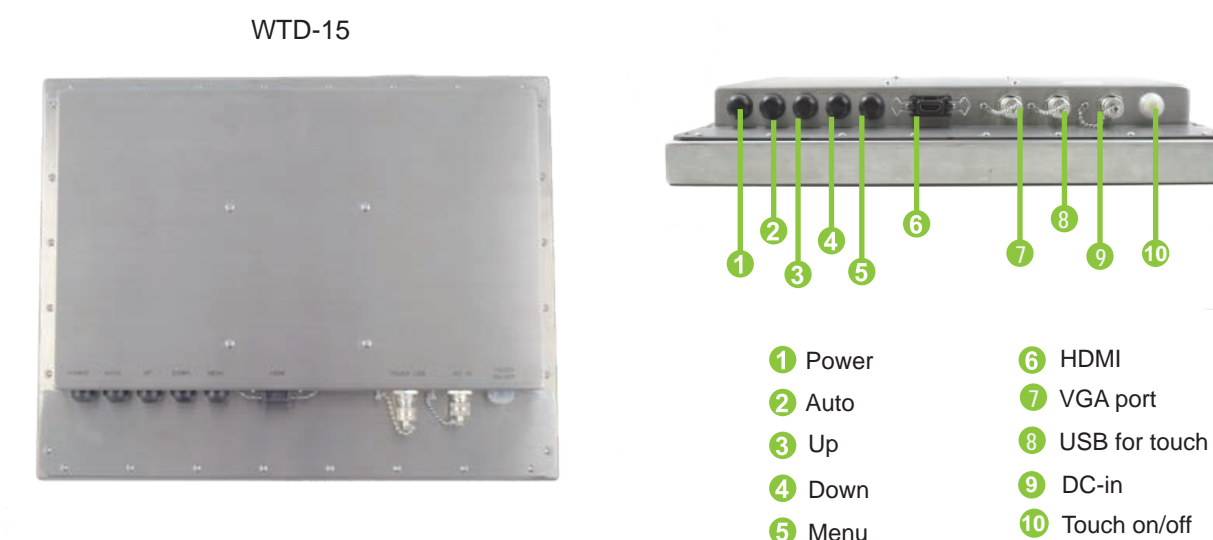
- Powerful thermal solutions with stable CPU operation**: 1. Fanless cooling by high heat efficiency heat pipe and large heat dissipation heatsink, optimal MB power design to maximize power efficiency and minimize heat generation. 2. PTFE ventilation film to exhaust hot air for air pressure balance to avoid stainless steel case deformation; enclosure IP grade is still effective.
- Extremely environment solution**: 24/7 operation under -20~55°C & high brightness LCD without limitation
- Saving space by downward I/O design**: With minimized outside dimensions and downward external I/O, it doesn't occupy but saving space.
- 100% water/ dust proof**: No gap housing design and IP66/69K with M12 connector reach 100% water/dust proof, and all products are 100% vacuum pressure verified before shipping out.



WTP Panel PC Series



WTD Monitor Series



Stainless Steel PC Series Selection Guide

Category	Core i			Apollo Lake	Bay Trail	Wide Temp.			Outdoor
Model	WTP-9E66 XX	WTP-9C66 XX	WTP-9A66 XX	WTP-8D66 XX	WTP-8B66 XX	WTP-9E66 XX	WTP-9C66 XX	WTP-8B66 XX	WTP-8B66-150
Panel Size	15" · 19" · 22" · 24"	15" · 19"	15" · 19" · 22"	15" · 19" · 22"	10" · 15" · 19" · 22" · 24"	15" · 19"	15" · 19"	10" · 15" · 19"	15"
Touch Screen	Full Flat 5-wire Resistive Touch, Optional PCT								
System CPU	Intel® Skylake (Kaby Lake for	Intel® Broadwell	Intel® Ivybridge	Intel® Apollo Lake	Intel® Bay Trail	Intel® skylake	Intel® Broadwell	Intel® Bay Trail	
Memory	2G/ 4G/ 8G/ 16G			2G/ 4G/ 8G		2G/ 4G/ 8G/ 16G		2G/ 4G/ 8G	2G/ 4G/ 8G
System Storage	500G HDD			500G HDD	64G SSD/ 320G HDD/ 500G HDD	128G SSD			
OS Support	Win7/ Win8 / Win10 (Win 10 optional Kaby Lake)			Win 10	Win7/ Win8 / Win10				
Certification	CE(EMC), VCCI, FCC Class B								