Full IP Product Selection Guide

10" 15" 19" 22" 24"

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

Smart Pharmaceutical · Smart Transportation · Smart Food Processing

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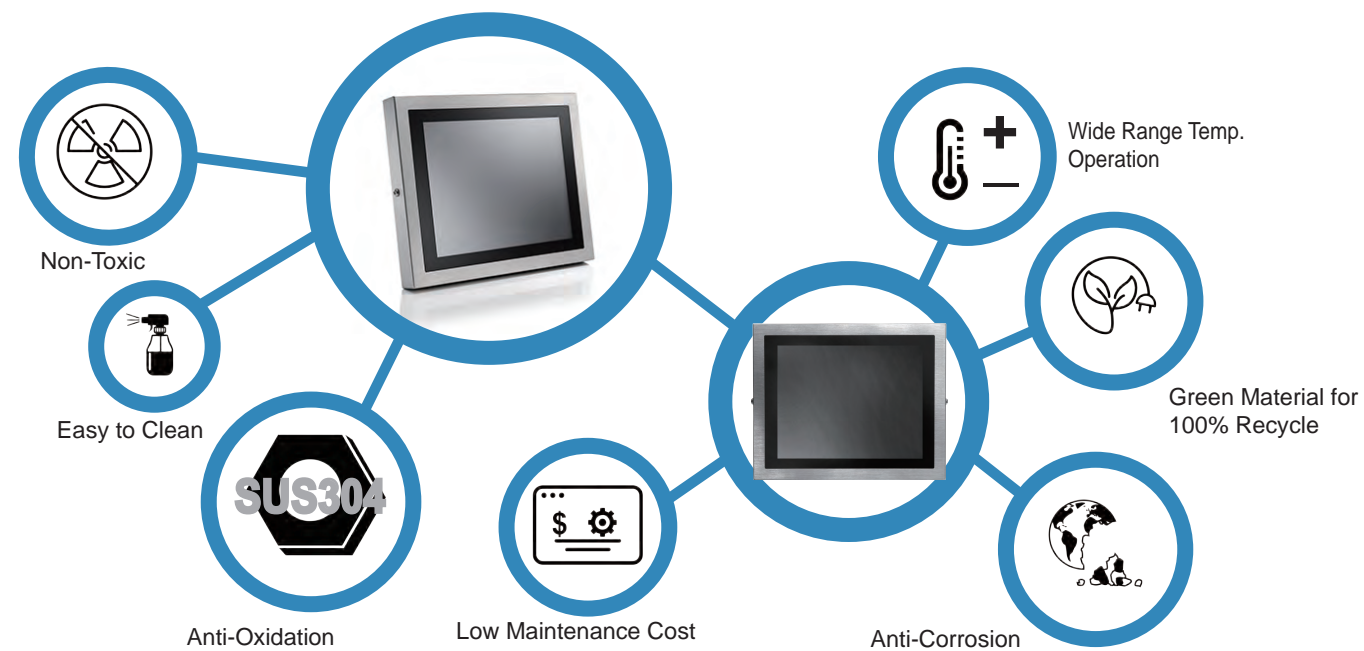sales_support@wincomm.com.tw

Full IP Series
Stainless Steel ePlatform Solutions

	WTP Panel PC Series																								WTP Monitor Series		
Product Name	**WTP-9G66 XX**				**WTP-9E66 XX**								**WTP-8D66 XX**			**WTP-8B66 XX**									**WTD XX**		
	15	19	22	24	15	19	22	24	15W	19W	22W	24W	15	19	22	10	15	19	22	24	10W	15W	19W	15O	15	19	22
Display																											
Size	15"	19"	21.5"	23.8"	15"	19"	21.5"	23.8"	15"	19"	21.5"	23.8"	15"	19"	21.5"	10"	15"	19"	21.5"	23.8"	10"	15"	19"	15"	15"	19"	21.5"
Resolution	1024x768 (XGA)	1280x1024 (SXGA)	1920x1080 (FHD)	1920x1080 (FHD)	1024x768 (XGA)	1280x1024 (SXGA)	1920x1080 (FHD)	1920x1080 (FHD)	1024x768 (XGA)	1280x1024 (SXGA)	1920x1080 (FHD)	1920x1080 (FHD)	1024x768 (XGA)	1280x1024 (SXGA)	1920x1080 (FHD)	800x600 (SVGA)	1024x768 (XGA)	1280x1024 (SXGA)	1920x1080 (FHD)	1920x1080 (FHD)	800x600 (SVGA)	1024x768 (XGA)	1280x1024 (SXGA)	1024x768 (XGA)	1024x768 (XGA)	1280x1024 (SXGA)	1920x1080 (FHD)
Color Numbers	16.2M				16.7M								16.2M	16.7M		262K	16.7M				262K	16.7M			16.7M		
View Angle (H/V)	160/160	170/160	178/178	160/160	170/160	178/178	160/160	170/160	178/178	160/160	170/160	178/178	160/160	170/160	178/178	160/130	160/160	170/160	170/160	178/178	160/140	160/160	170/160	160/160	160/160	170/180	
Contrast	800:1	1000:1	3000:1	600:1	1000:1	3000:1	600:1	1000:1	1000:1	3000:1	600:1	1000:1	800:1	1000:1	3000:1	500:1	600:1	1000:1	3000:1	3000:1	500:1	600:1	1000:1	700:1	600:1	1000:1	
Brightness (nits)	450	350	250	250	450	350	250	250	450	350	350	250	450	350	250	230	450	350	250	250	230	400	350	1000	450	350	250
Touch Panel & IO																											
Type	Full Flat Resis.Touch (Full Flat P-cap Touch for option)			P-cap Touch	Full Flat Resis.Touch (Full Flat P-cap Touch for option)			P-cap Touch	Full Flat Resis.Touch (Full Flat P-cap Touch for option)			P-cap Touch	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)								P-cap Touch		
USB	1 x M12 8pin for USB 1/2, 1 x M12 8pin for USB 3/4																								1 x M12 8pin for touch screen		
COM	2 x M12 8pin for COM /RS-232/422/485				1 x M12 8pin for COM 1/RS-232/422/485																				Video: VGA X 1, HDMI 1.4a x 1		
LAN	1 x M12 8pin																								-		
Main System																											
CPU	Intel® Whiskey Lake-U Core i5/i7				Intel® Skylake / Kaby Lake Core i5/i7								Intel® Apollo Lake J3455			Intel® Baytrail J1900					Intel® Atom E3845				-		
Memory	up to 32G												up to 8GB												-		
Chipset	Soc																								-		
OS support	Win10															Win7 /Win8 / Win10									-		
Storage & Expansion																											
Storage	500G HDD, optional M.2 E key x 1				500G HDD				WT 128G SSD				500G HDD		64G SSD	500G HDD					128 SSD				-		
Expansion slot	M.2 Type E x 1				Mini PCIe x 1, M.2 Type E x 1								Mini PCIe x 1, M.2 Type E x 1			Mini PCIe x 2 (half / full size)									-		
Mechanical & Environmental																											
Weight (kg)	TBD				8.4	11.5	12	14.8	8.4	11.5	12	14.8	7.6	11	12	6.9	7.6	11	12	13.2	6.5	7.6	11	10.2	7.5	10	11
Operating Temp.	0~40°C / 0~50°C(change HDD to SSD)				-20~60°C								0~45°C			0~50°C	0~40°C				-20~50°C			-20~60°C	-10~55°C		0~50°C
IP rating	IP66/ NEMA4X/ IP69K																										
Cooling	Fanless																							Smart Fan	Fanless		
Power																											
Power Input	DC 19~28V				DC9~32V								DC9~36V			DC7~32V					DC9~36V			DC7~32 V	DC12V		
Power Adapter	AC 100~240V			AC100~277V	AC100~240V			AC100~277V	AC100~240V			AC100~277V	AC90~264V			AC100~240V	AC90~264V			AC100~277V	AC90~264V	AC100~240V	AC90~264V	AC100~277V	AC90~264V		
Power Consumption	83.9W	90W	92.1W	92.4W	53.8W	69.2W	58.9W	62.4W	60.3W	52.9W	65.4W	68.9W	36.3W	42.7W	40.6W	29.7W	37W	40.7W	40.2W	37.2W	30.4W	36.1W	38.2W	40.9W	-		

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:

USB 3.0 ready	10, 15" 19" 21.5" 23.8"	IP67 & IP69K — Touch Lock	Customization service — CE
Water proof speaker as opration	Size from 10" to 23.8" TFT LCD	IP67 / IP69K Waterproof — Touch on/off for hygienic cleaning	VCCI
COM+power 5V/ 12V for customization		24/7 Operation without limitation — Stainless steel housing	Warranty and longevity supporting — FCC Class B
Expansion Design	**Full Range of LCD Size**	**Harsh Environment Solution**	**High Quality & Customize Service**

Stainless Steel Benefits

Non-Toxic · Easy to Clean · Anti-Oxidation · SUS304 · Low Maintenance Cost · Anti-Corrosion · Wide Range Temp. Operation · Green Material for 100% Recycle

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Stainless Steel Panel PC Design Benefits

Full IP66/ 67/ 69K
With protective glass installed with the front panel, it is completely protective from water and dust

Waterdust proof 100% Guarantee

IP69K True Tested Report
WTP series achieve IP69K waterproof standard through high pressure and hot steam cleaning test.

Intel High Performance CPU — intel Core

Full Flat Touch

i-cooling

i-Cooling Smart Thermal Control
With Wincomm innovation, I-Cooling, the CPU will be highly effective work after long-term operating.

IP68 Adapter

Easy Clean & Robust Wireless Antenna
While a traditional wireless dipole antenna can be damaged by the user during cleaning, we supports wireless solution with a PCB type antenna and a heavy-duty cover which makes it easy to clean and undamageable in harsh environments.

Downward M12 Metal Connctors
Wincomm adapted the connectors downward to meet requirements in most food factories.

Speaker

Water Proof Speaker Available
We provide customizing service to integrate 2W or 5W speakers and keep system dust/water proof .

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 evironment solution
24/7 operation under -20~60°C & high brightness LCD without limitation

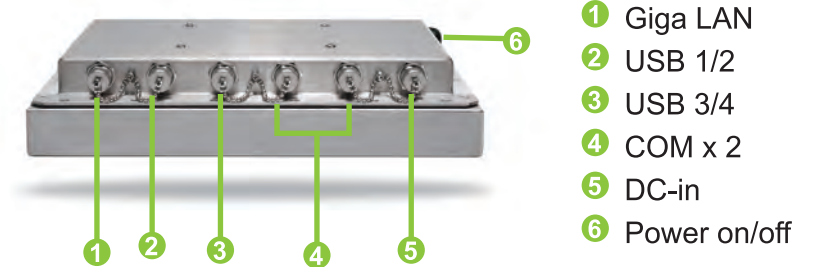**Saving space by downward I/O design**
With minimized outside dimensions and downward external IO, it doesn't occupy but saving space.
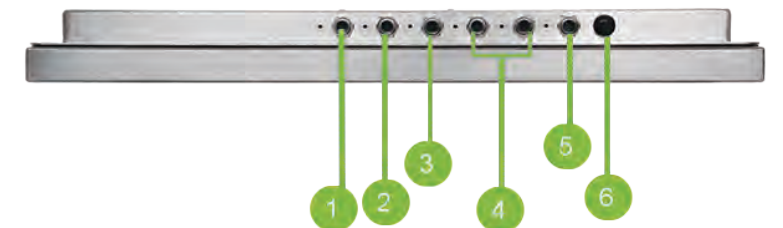
wall mount · table mount

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

WTP-8B66-10W

1	Giga LAN
2	USB 1/2
3	USB 3/4
4	COM x 2
5	DC-in
6	Power on/off

WTP-9E66-24

1	Giga LAN	4	COM x 2
2	USB 1/2	5	DC in
3	USB 3/4	6	Power on/off

Stainless Steel PC Series Selection Guide

Category	Core i		Apollo Lake	Bay Trail	Wide Temp.		Outdoor
Model	WTP-9G66-XX	WTP-9E66-XX	WTP-8D66-XX	WTP-8B66-XX	WTP-9E66-XXW	WTP-8B66-XXW	WTP-8B66-15O
Panel Size	15" · 19" · 22" · 24"	15" · 19" · 22" · 24"	15" · 19" · 22"	10" · 15" · 19" · 22" · 24"	15" · 19" · 22" · 24"	10" · 15" · 19"	15"
Touch Screen	Full Flat 5-wire Ressistive Touch, Optional PCT (Panel Size 24" default P-cap touch)						
System CPU	Intel® Whiskey Lake Core i5/i7	Intel® Skylake / Kaby Lake Core i5/i7	Intel® Apollo Lake J3455	Intel® Bay Trail J1900	Intel® Skylake / Kaby Lake Core i5/i7	Intel® Atom E3845	
Memory	up to 32G	up to 32G	Up to 8G		up to 32G	Up to 8G	Up to 8G
System Storage	500G HDD	500G HDD	500G HDD	500G HDD	WT 128G SSD		
OS Support	Win10	Win10	Win 10		Win7/ Win8 / Win10		
Certification	CE(EMC), VCCI, FCC Class B						