



IoT Solutions
Alliance



Full IP | www.wincomm.com.tw

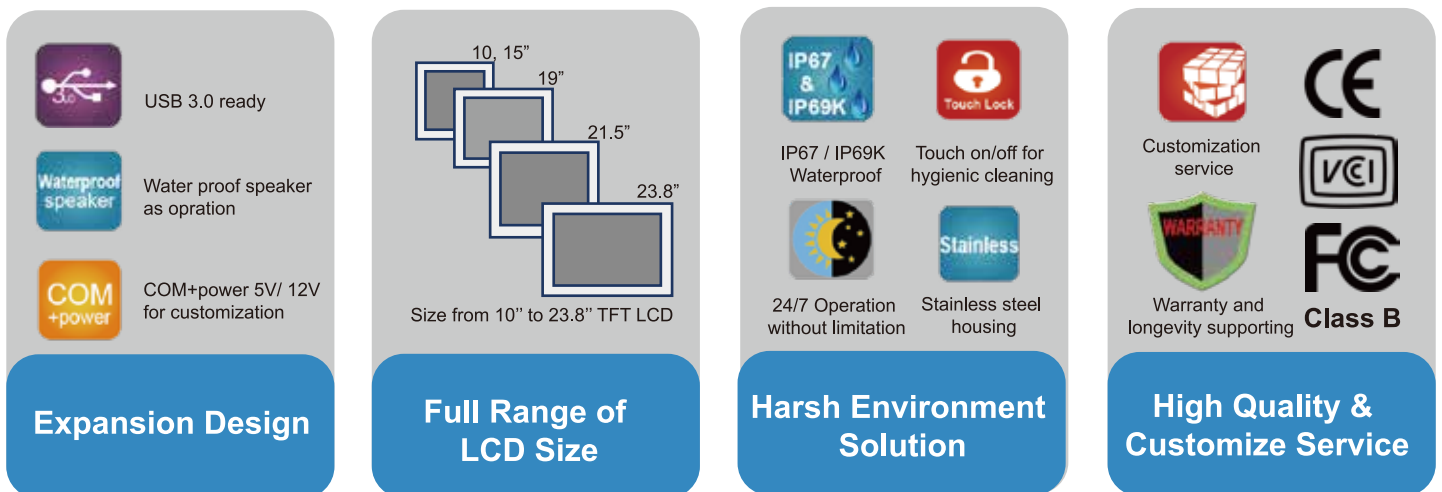
Full IP Series

Stainless Steel ePlatform Solutions

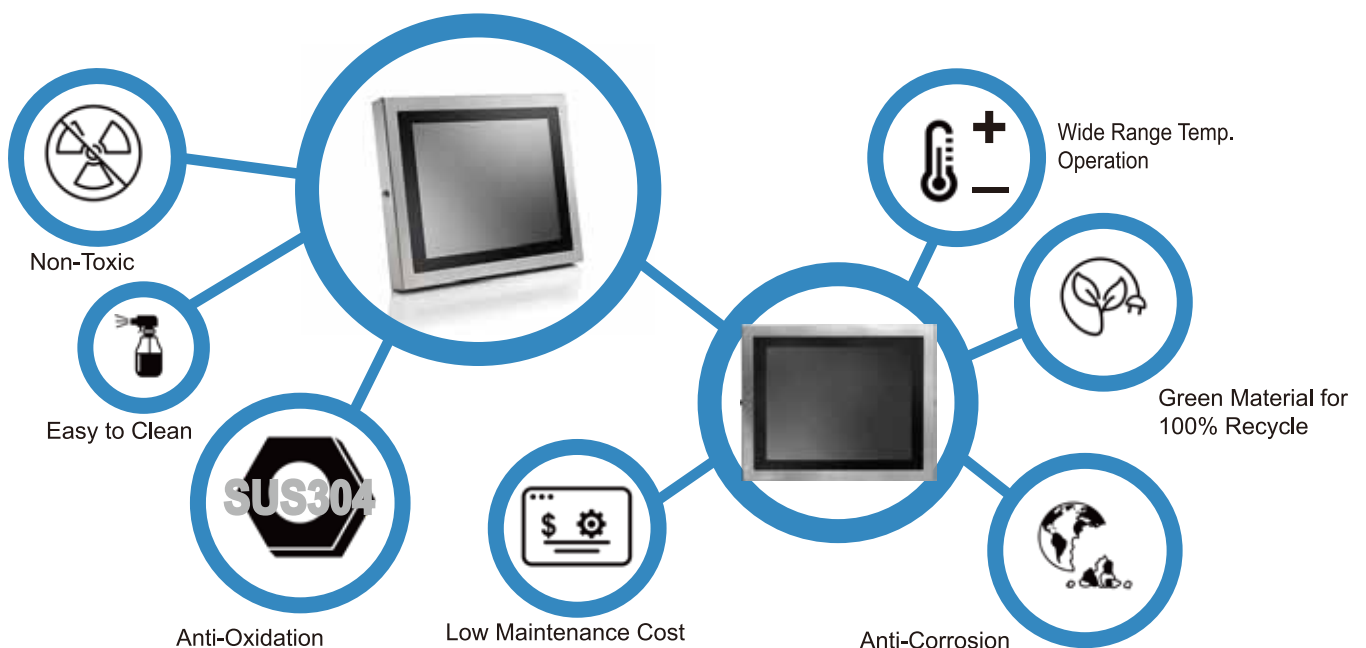


Full IP66/ 67/ 69K Reliable Stainless Steel Panel PCs

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 IP66 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:



Stainless Steel Benefits



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

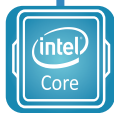
Water/dust proof
100% Guarantee



IP69K True Tested Report

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

Intel High Performance CPU



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

Speaker

Water Proof Speaker Available

We provide customizing service to integrate 3W or 5W speakers and keep system dust/water proof .

Easy Clean & Robust Wireless Antenna

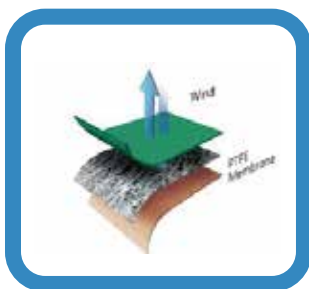
While a traditional wireless dipole antenna can be damaged by the user during cleaning, we supports wireless solution with a PCB type antenna and a heavy-duty cover which makes it easy to clean and undamageable in harsh environments.

Downward M12 Metal Connctors

Wincomm adapted the connectors downward to meet requirements in most food factories.



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.



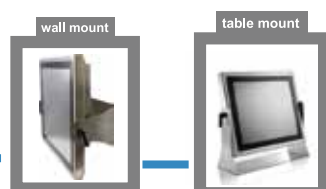
Extremely environment solution

24/7 operation under -20~60°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.

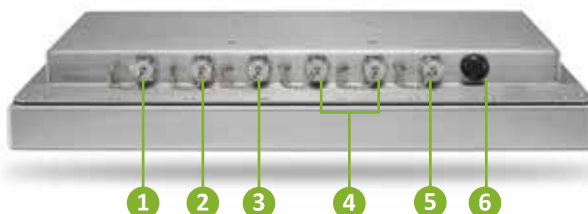


100% water/ dust proof

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.

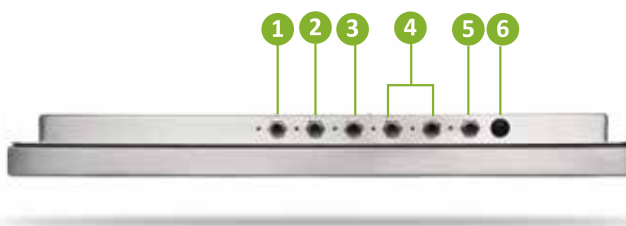
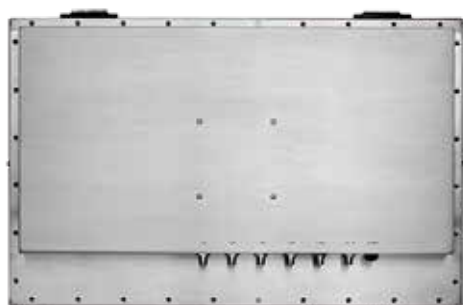
WTP Panel PC Series

WTP-8J66-15W



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

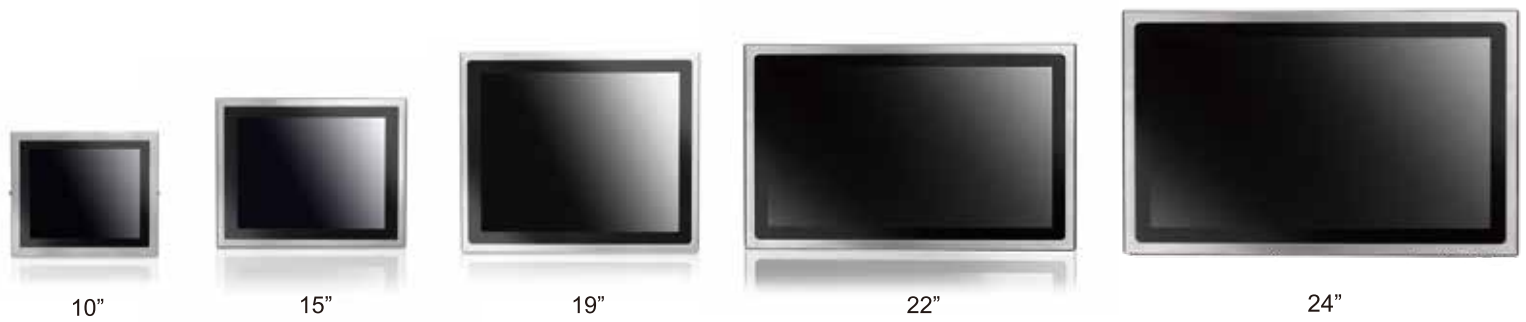
WTP-9H66-24



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

Stainless Steel PC Series Selection Guide

Category	Core i	Elkhart Lake	Wide Temp.		Monitor	Embedded PC
Model	WTP-9H66 XX	WTP-8J66 XX	WTP-9H66-XXW	WTP-8J66-XXW	WTD-XX	WTC-9H0
Panel Size	15"、19"、22"、24"	15"、19"、22"	15"、22"	15"、19"、22"	15"、19"、22"	-
Touch Screen	Full Flat 5-wire Rensitive Touch, Optional P-cap Touch (Panel Size 24" default P-cap touch)					-
System CPU	Intel® Alder Lake-P	Intel® Elkhart Lake J6412	Intel® Alder Lake-P	Intel® Elkhart Lake x6413E	-	Intel® Alder Lake-P
Memory	DDR4 up to 64G	DDR4 up to 32G	DDR4 up to 64G	DDR4 up to 32G	-	DDR4 up to 64G
System Storage	512GSSD		128G SSD		-	128G SSD
OS Support	Win 10 / Win 11				-	Win 10 / Win 11
Certification	CE (EMC) / FCC-B / VCCI Class B, Canada ICES-003					



WTP Panel PC Series														Full IP Monitor Series			Full IP Embedded PC Series			
Product Name	WTP-9H66-XX								WTP-8J66 XX						WTD XX			WTC-9H0		
	15	19	22	24	*15W	*19W	22W	*24W	15	19	22	15W	*19W	*22W	15	19	22	-		
Display																				
Size	15"	19"	21.5"	23.8"	15"	19"	21.5"	23.8"	15"	19"	21.5"	15"	19"	21.5"	15"	19"	21.5"	-		
Resolution	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1920 x 1080 (FHD)		1024 x 768 (XGA)	1280 x 1024 (SXGA)	1920 x 1080 (FHD)		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	16.2M	16.7M			16.2M	16.7M			16.2M	16.7M										
View Angle (H/V)	160/150	170/160		178/178	160/150	170/160		178/178	160/150	170/160		160/160	170/160		160/160	170/160				
Contrast	800:1	1000:1		3000:1	800:1	1000:1		3000:1	800:1	1000:1		800:1	1000:1		600:1	1000:1				
Brightness (nits)	350		250		350		250		350		250	450	TBD		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 Resistive Touch (Full Flat P-cap Touch for option)										-	
USB	1 x M12 8pin for USB 1/2 1 x M12 8pin for USB 3/4 1 x USB 3.2 Gen2				1 x M12 8pin for USB 1/2 1 x M12 8pin for USB 3/4				1 x M12 8pin for USB 1/2 1 x M12 8pin for USB 3/4						1 x M12 8pin for touch screen		1 x M12 8pin for USB 2.0 1/2 1 x M12 8pin for USB 2.0 3/4			
COM	2 x M12 8pin (RS-232/422/485)								2 x M12 8pin (RS-232)		1 x M12 8pin (RS-232) 1 x M12 8pin (RS-232/422/485)				Video: VGA X 1 HDMI 1.4a x 1		2 x M12 8pin (RS-232/422/485)			
LAN	1 x M12 8pin for LAN														-		1 x M12 8pin for LAN			
Main System																				
CPU	Intel® Alder Lake-P Core i5/i7								Intel® Elkhart Lake J6412		Intel® Elkhart Lake x6413E				-			Intel® Alder Lake-P Core i5/i7		
Memory	DDR4 up to 64G								DDR4 up to 32G									DDR4 up to 64G		
Chipset	MCP								Soc									Soc		
OS support	Windows 10 / Windows 11																	Windows 10 / Windows 11		
Storage & Expansion																				
Storage	2.5" SATA HDD drive bay M.2 M Key for SSD											2.5" SATA SSD drive bay			-		2.5" SATA HDD drive bay M.2 M Key for SSD			
Expansion slot	1 x M.2 Key B, 1 x SIM socket , 1 x M.2 Key E								1 x PCIe1, 1 x M.2 Key E 1 x M.2 Key B, 1 x SIM socket			1 x M.2 Type E PCIe			-		1 x M.2 Key B 1 x M.2 Key E			
Mechanical & Environmental																				
Weight (kg)	8.4	11.5	12	14.8	8.4	11.5	12	14.8	8.4	11.5	12	8.4	11.5	12	7.5	10	11	6		
Operating Temp.	0~50°C (SSD)				-20~60°C				0~50°C (SSD)				-20~60°C			-10~55°C		0~50°C	0~40°C (SSD)	
IP rating	IP66/ NEMA4X/ IP69K																			
Cooling	Fanless																			
Power																				
Power Input	DC 12~28V											DC 12V						DC 12~28V		
Power Adapter	AC 100~277V														AC 90~264V			AC 100~277V		
Power Consumption	TBD																		-	

* By project support.

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.

Application



Smart Pharmaceutical



Smart Iron and Steel Manufacturing



Smart Food Processing



Headquarters

3F, No. 14, Prosperity Road II, Science-Based Industrial Park,
Hsinchu, Taiwan, R.O.C.

Tel +886 3 578 0000

Fax +886 3 577 0631

sales_support@wincomm.com.tw

Wincomm USA

2138 Ringwood Avenue, San Jose, CA 95131 USA

sales_support@wincomm.com.tw

Wincomm Japan

#206, 4-16-17, Namiki, Kawaguchi-City, Saitama, 332-0034, Japan

sales_support@wincomm.com.tw



Wincomm Corp. Through the SAS of the ARES
INTERNATIONAL CERTIFICATION CO., LTD.
ISO 14001:2015 certification

