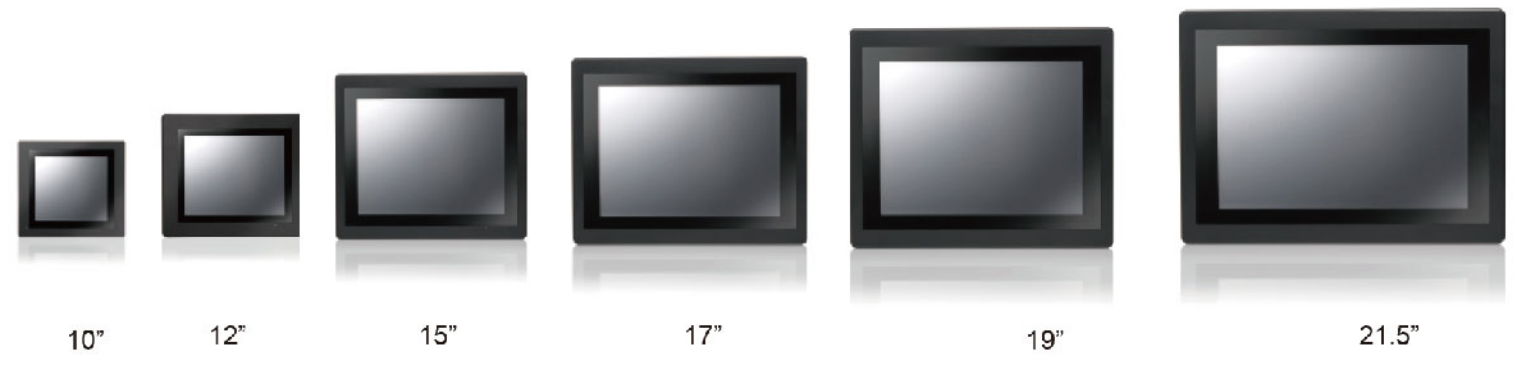




About Wincomm Corp.

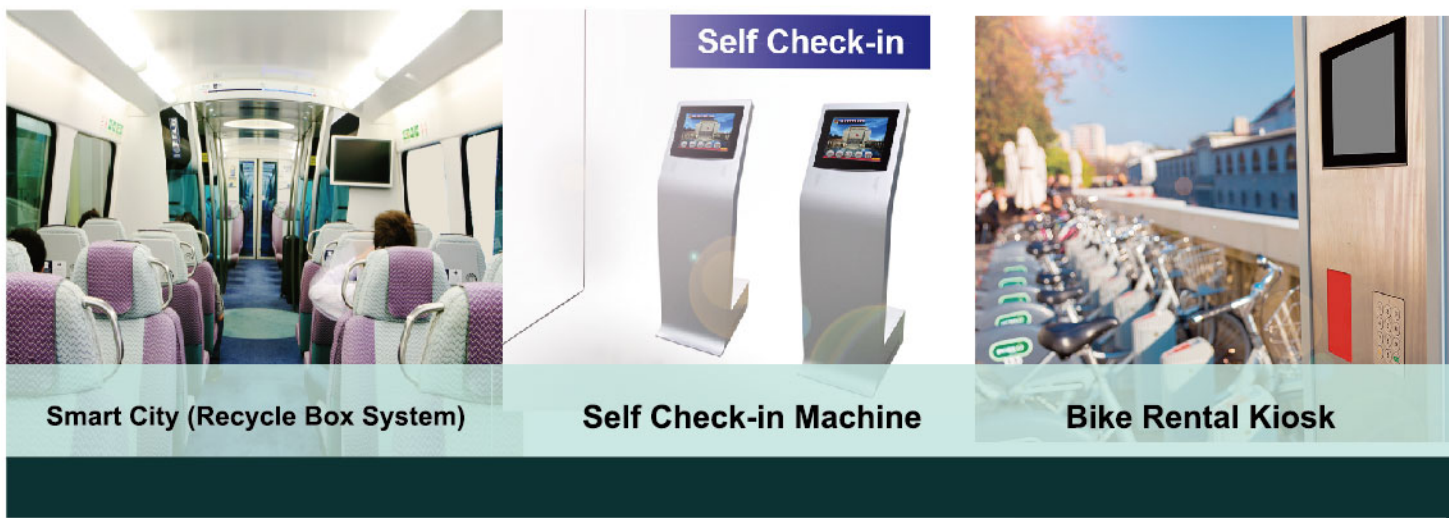
Wincomm is one of Taiwan's leading manufacturer of industrial computer and embedded computer products. Wincomm designs and develops all in one panel PC, large size all in one digital signage system, rugged box PC and embedded software products for a broad range of industries and applications. Wincomm 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.



10" 12" 15" 17" 19" 21.5"

WLP Panel PC Series																						
Product Name	WLP-7D20 XX					WLP-7B21 XX	WLP-7B20 XX				WLP-7F20 XX			WLP-7F21 XX	WLP-7A20 XX							
	15H	19H	15	17	19	21	10	10H	15H	10	12	15	16	17	19	22	17	15V	17V	19V	21V	
Display																						
Size	15" 4:3	19" 4:3	15" 4:3	17" 4:3	19" 4:3	21.5" 16:9	10" 4:3	10" 4:3	15" 4:3	10" 4:3	12" 4:3	15" 4:3	15" 4:3	16" 16:9	17" 5:4	19" 5:4	21.5" 16:9	17" 4:3	15" 4:3	17" 4:3	19" 4:3	21.5" 16:9
Resolution	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1920 x 1080 (Full HD)	1280 x 800	800 x 600 (SVGA)	1024 x 768 (XGA)	800 x 600 (SVGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1033 x 768 (XGA)	1280 x 1024 (SXGA)	1280 x 1024 (SXGA)	1920 x 1080 (Full HD)	1280 x 1024 (SXGA)	1280 x 1024 (SXGA)	1280 x 1024 (SXGA)	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1280 x 1024 (SXGA)	1024 x 768 (XGA)
Color Numbers	16.7M	16.7M	16.2M	16.7M	16.7M	16.7M	262K	16.2M	16.7M	16.2M	16.7M	16.2M	16.7M	16.2M	16.7M	16.2M	16.7M	16.2M	16.7M	16.2M	16.7M	
View Angle (H/V)	160/160	170/160	160/160	170/160	170/160	170/170	130/120	80/70	130/110	160/140	160/160	170/160	170/160	170/160	160/160	170/160	160/160	170/160	160/160	170/160	170/160	
Contrast	700:1	1000:1	600:1	1000:1	1000:1	800:1	400:1	700:1	400:1	700:1	600:1	500:1	1000:1	1000:1	1000:1	1000:1	1000:1	600:1	1000:1	1000:1		
Brightness (nits)	1000	450	350	250	1000	230	450	450	450	400	350	250	350	450	350	250	350	450	350	250		
Touch Panel & IO																						
Type	Full Flat R-Touch	Full Flat Resistive Touch (Default) Projected Capacitive Touch (Option)	Full flat projective capacitive touch panel	Full Flat R-Touch	Full Flat Resistive Touch (Default) Projected Capacitive Touch (Option)	Full Flat R-Touch	Full Flat R-Touch	Full Flat R-Touch	Full Flat R-Touch	Full Flat R-Touch	Full Flat R-Touch	Full Flat R-Touch	Full Flat R-Touch	Full Flat R-Touch	Full Flat R-Touch	Full Flat R-Touch	Full Flat R-Touch	Full Flat R-Touch	Full Flat R-Touch	Full Flat R-Touch	Full Flat R-Touch	
USB	USB 3.0 x2 USB 2.0 x2					USB3.0 x2	USB 3.0 x1 USB 2.0 x3				USB 3.0 x4			USB 2.0 x4								
COM	RS232 x2, RS232/422/485 x1					RS232/422/485 x1	RS232 x2, RS232/422/485 x1				RS232 x1, RS232/422/485 x1			RS232 x2, RS232/422/485 x1								
LAN	RJ-45 x2																					
Video Port	DP x2	DP x2	HDMI/GA	-	-	DVI x1	DP x2	DP x1, DVI x1	DVI x1													
Main System																						
CPU	Intel® Broadwell					Intel® Celeron N2930	Atom E3845	Celeron J1900	Intel® SkyLake (Intel® Kabylake for option)	Intel® Skylake	Intel® Iybridge											
Memory	up to 16GB					up to 8GB					up to 32GB					up to 16GB						
Chipset	Soc					-	-	-	-	Soc	-	Intel HM65										
OS support	Win7 pro/Win8 /Win8.1 Industrial/ Win10																					
Storage & Expansion																						
Storage	128G SSD	500G HDD	mSATA support 32GB · 64GB · 128GB	128G SSD	500 HDD																	
Expansion slot	Mini PCIe x2		Mini-PCIe 52 pin, half size	Mini PCIe x2			Mini PCIe x1 M.2 Type E x1			-			Mini PCIe x2									
Mechanical & Environmental																						
Weight (kg)	6	9.2	6	8.5	9.2	10	TBD	3.9	6.5	3.5	4.5	5.5	6	8.5	8.5	9.2	10	8.2	8.5	11.5	9	9.8
Operating Temp.	-20~60°C		0~50°C (w/ air flow) 0~40°C (no air flow)		0~50°C (w/ air flow)		-20~65°C		0~50°C (w/ air flow) 0~40°C (no air flow)		0~50°C (w/ air flow) 0~40°C (no air flow)			0~35°C			0~50°C (w/ air flow) 0~40°C (no air flow)					
IP rating	Front IP66			Front IP65			Front IP66															
Cooling	Fanless																					
Power																						
Power Input	DC 7~32V			DC 9~36V			DC 7~32V			DC 7~32V			DC 12V			DC 12~28V						
Power Adapter	AC 100~240V					AC 90~264V					AC 100~240V					AC 90~264V						
Power Consumption	53.7W	61.6W	52.6W	50W	55.2W	52.8W	TBD	28.3W	36.3W	28W	30.7W	29.93W	44.7W	57.8W	61.4W	65.8	64.7W	84.0W	40.1W	58.99W	46.5W	62.15W

Application



Smart City (Recycle Box System) Self Check-in Machine Bike Rental Kiosk



Industrial | www.wincomm.com.tw



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WLP Series

Industrial ePlatform Solutions





AIO Touch Panel PCs for Automation Solutions

The industrial-grade panel PC series are built to suit for versatile environments, undergoing rigorous testing to ensure safety and top performance. All of the models in the WLP series are sealed to at least IP66 standards, and offering the best solution for environments with hygienic considerations. Featuring at full flat resistive touch, chassis mount, Wincomm industrial panel PCs 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 WLP series works well in industrial automation, such as food, beverage, pharmaceutical industry, including chemical manufacturing and any other industrial applications. Wincomm takes our users concern and all applications are designed to be WLP series. The further information is illustrated below:

Expansion Design

- USB 3.0 ready
- Stainless/Silver front bezel as option
- mSATA module as option

Full Range of LCD Size

Size from 10" to 21.5" TFT LCD

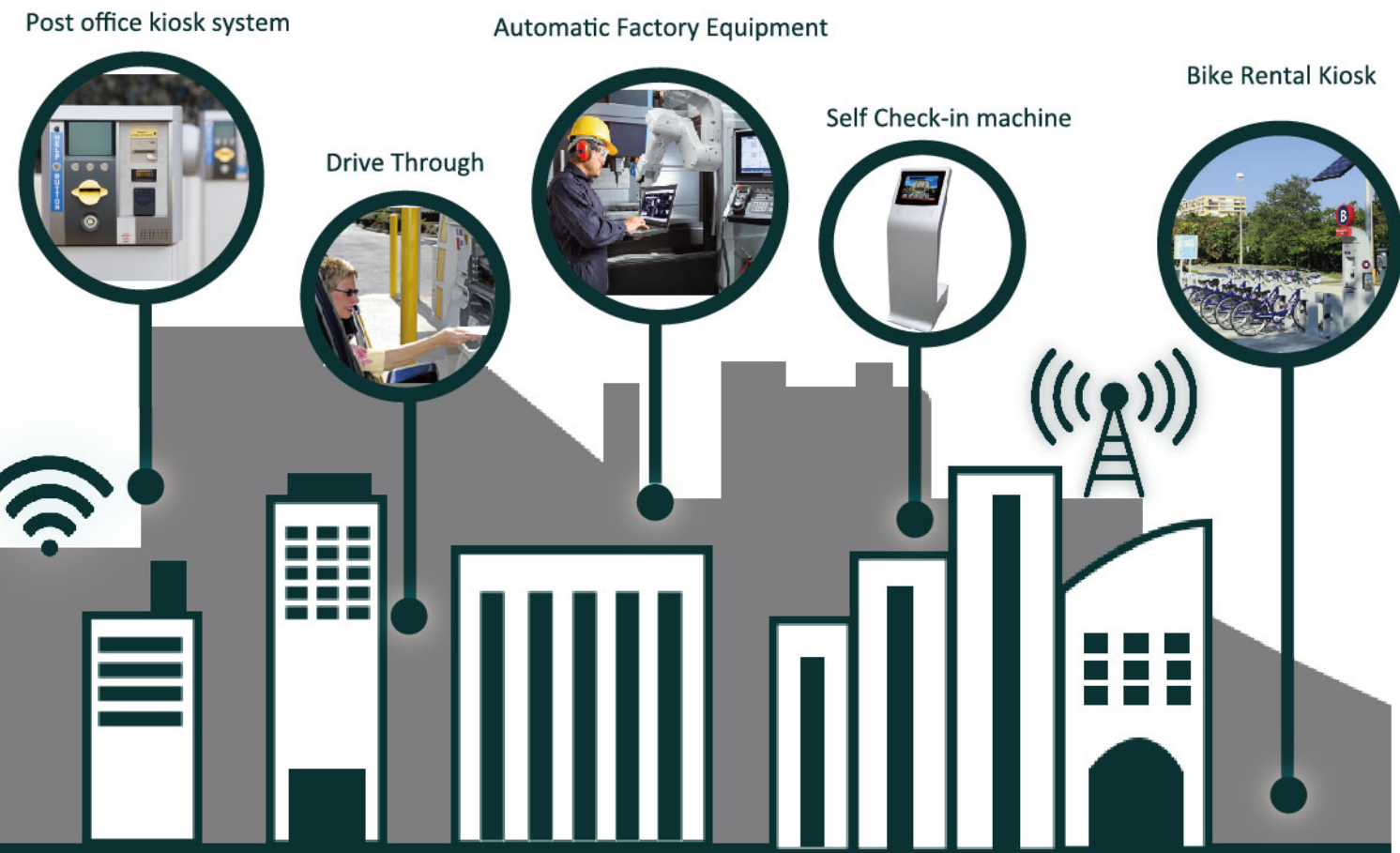
Harsh Environment Solution

- Front IP66 water/dustproof
- Touch Lock
- 24/7 Operation without limitation
- Touch on/off for hygienic cleaning
- Sunlight readable for option

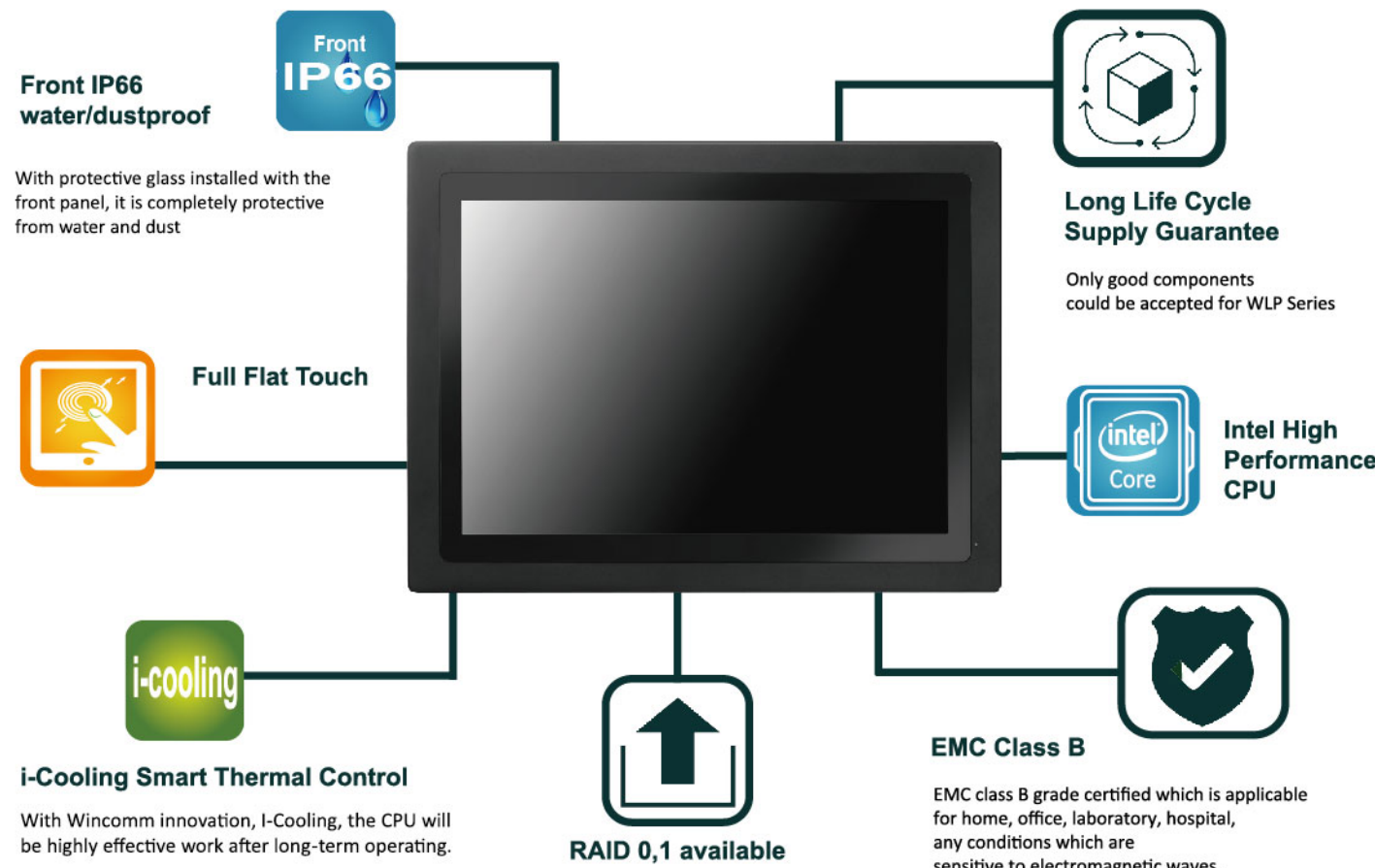
High Quality & Customize Service

- Customization service
- Warranty and longevity supporting
- CE, VCCI, FCC Class B

Best Smart City Solutions - Industrial Panel PC



Industrial Panel PC Design Benefits



Features Highlight

Powerful thermal solutions with stable CPU operation

Fanless cooling by high efficiency heat pipe and large heat dissipation heatsink, optimal MB power design to maximize power efficiency and minimize heat generation.

Extremely environment solution

24/7 operation under -20~65°C & high brightness LCD without limitation

No corrosion after long-term usage

Aluminum front bezel and heatsink surfaces & chassis surface is baking paint, no corrosion after long-term usage.

Water/dust proof guarantee withstands strong water jet cleaning

A rubber seal is attached at inner bezel edge, with firmly panel mounting, the IP rate between front bezel and mounting wall is IP69K grade. By resistive touch screen, front IP rate is IP66; by project capacitive touch screen, front IP rate is IP69K.

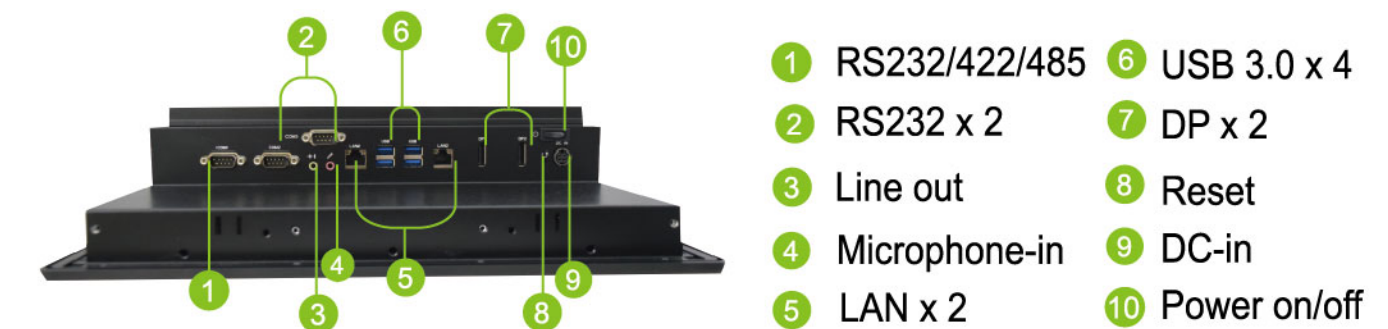


Industrial Panel PC Series



WLP-7F20-22 (Front)

WLP-7F20-22 (Back)



WLP-7F20-22 (I/O)

WLP Series Selection Guide

Category	Panel Mount P-Cap Touch				Panel Mount R- Touch				Chassis P-Cap Touch			Semi-outdoor/ High brightness		
Model	7A20 XX	7B20 XX	7D20 XX	7F20 XX	7B20 XX	7D20 XX	7F20 XX	7F21 XX	7B21 XX	7A20 XX	7D20 XX	7B20 XX	7D20 XX	
Panel Size	15", 19"	10", 12", 15"	15", 17", 19", 21"	15", 16", 17", 19", 21"	10", 12", 15"	15", 17", 19", 21"	15", 16", 17", 19", 21"	17"	10"	15", 19", 21"		10", 15"	15", 19"	
Touch Screen	Full Flat P-cap Touch				Panel Mount R- Touch				Full Flat P-cap Touch			Full Flat Resistive Touch		
System CPU	Intel® Ivybridge	Intel® Celeron-J1900	Intel® Broadwell	Intel® Skylake (Intel® Kaby Lake for option)	Intel® Celeron-J1900	Intel® Broadwell	Intel® Skylake (Intel® Kaby Lake for option)	Intel® Skylake	Intel® Celeron N2930	Intel® Ivybridge	Intel® Broadwell	Atom E3845	Intel® Broadwell	
Memory	up to 16GB	up to 8GB	up to 16GB	up to 32GB	up to 8GB	up to 16GB	up to 32GB		up to 16GB			up to 8GB	up to 16GB	
System Storage	500G HDD								mSATA support 32GB - 64GB - 128GB	500G HDD			128G SSD	
OS Support	Win7/ Win8 / Win10													
Certification	CE(EMC), VCCI, FCC Class B													