



Industrial | www.wincomm.com.tw




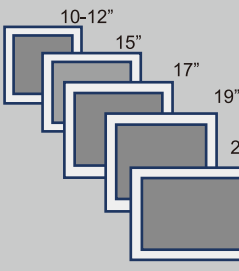







WLP Series

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 front IP66 standards, and offering the best solution for environments. 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 factory automation, self-service kiosk, data centers and so on applications. Wincomm takes our users concern and all applications are designed to be WLP series. The further information is illustrated below:

 USB 3.0 ready  Stainless/Silver front bezel as option  M.2 Type E key Expansion Design	 Size from 10" to 21.5" TFT LCD Full Range of LCD Size	 Front IP66 water/dustproof  Touch on/off for hygienic cleaning  24/7 Operation without limitation  Sunlight readable for option Harsh Environment Solution	 Customization service  Warranty and longevity supporting  CE, VCCI, FCC Class B High Quality & Customize Service
--	--	--	--

Best Smart City Solutions - Industrial Panel PC

Post Office Kiosk System

Automatic Factory Equipment

Bike Rental Kiosk

Drive Through

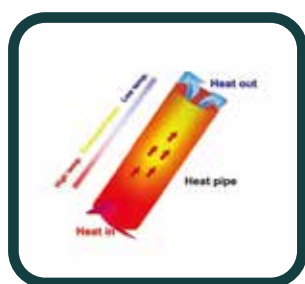
Self Check-in Machine



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.



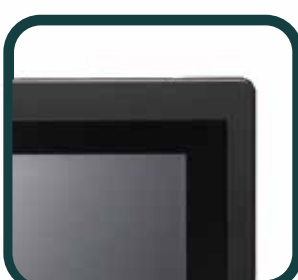
Extremely environment solution

WLP-H Series support wide temp from -20°C to 60°C, and optional high brightness LCD without limitation.



Flexible Options and Customization Capability

Toward connected world for high speed transferring rate requirement, Wincomm offered optional add-on parts to support more workplace applications.



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.

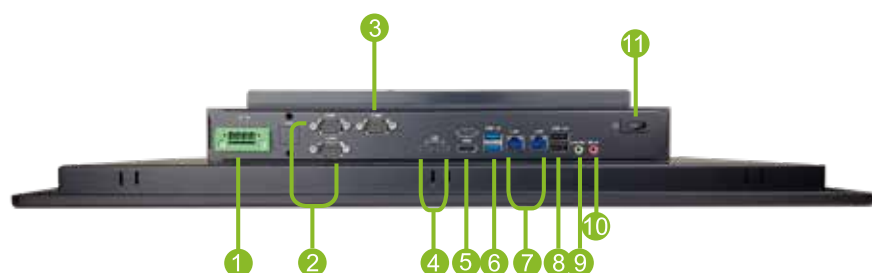
Industrial Panel PC Series



WLP-7H20-22 (Front)



WLP-7H20-22 (Back)



WLP-7H20-22 (I.O.)

- ① 1 x DC-in
- ② 2 x RS-232/422/485
- ③ 1 x RS-232
- ④ 2 x USB Type-C
- ⑤ 2 x HDMI
- ⑥ 2 x USB 3.2 Gen2
- ⑦ 2 x LAN
- ⑧ 2 x USB 2.0
- ⑨ Line-out
- ⑩ Microphone-in
- ⑪ Power on/off

WLP Series Selection Guide

Category	Panal Mount P-Cap Touch / Panel Mount R- Touch		Wide Temp High Brightness Panel PC	
Model	7H20-XX	7J20-XX	7H20-XXH	7J20-XXH
Panel Size	15", 17", 19", 22"	10.1", 10.4", 15", 15.6", 22"	15", 19", 22"	10", 15"
Touch Screen	Full Flat P-cap Touch / Full Flat Resistive Touch			
System CPU	Intel® Alder Lake-P Core i5/i7	Intel® Elkhart Lake J6412	Intel® Alder Lake-P Core i5/i7	Intel® Elkhart Lake x6413E
Memory	DDR 4 up to 64GB	DDR4 up to 32GB	DDR 4 up to 64GB	DDR4 up to 32GB
System Storage	512G SSD			128G SSD
OS Support	Win 10 & Win 11			
Certification	FCC-B, CE (EMC), VCCI, ICES-003			



WLP Panel PC Series														
Product Name	WLP-7H20 XX							WLP-7J20 XX						
	15	*17	*19	22	*15H	*19H	22H	10	15	22	W10	W15	*10H	15H
Display														
Size	15"	17"	19"	21.5"	15"	19"	21.5"	10.4"	15"	21.5"	10.1"	15.6"	10"	15"
Resolution	1024	1280	1280	1920	1024	1280	1920	800	1024	1920	1280	1366	800	1024
	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	768	1024	1024	1080	768	1024	1080	600	768	1080	800	768	600	768
	(XGA)	(SXGA)	(SXGA)	(FHD)	(XGA)	(SXGA)	(FHD)	(SVGA)	(XGA)	(FHD)	(WXGA)	(HD)	(SVGA)	(XGA)
Color Numbers	16.2M		16.7M					16.2M		16.7M				
View Angle (H/V)	160/160	170/160			160/160	170/160	178/178	160/130	160/150	170/160	170/170	170/160	130/120	160/160
Contrast	800:1	TBD		1000:1	700:1	1000:1		500:1	800:1	1000:1	800:1	500:1	400:1	700:1
Brightness (nits)	350	TBD		250	1000			230	350	250	400	400	1000	
Touch Panel & IO														
Type	Full Flat Resis.Touch (Full Flat P-cap Touch for option)													
USB	2 x USB 2.0, 2 x USB 3.2(Gen2) 2 x USB 3.2 Gen2 Type-C							2 x USB3.2(Gen 1) 2 x USB2.0				1 x USB 3.0 3 x USB 2.0(Gen 2)		
COM	2 x RS-232/422/485 1 x RS-232							1 x RS232 2 x RS232/422/485				2 x RS232 1 x RS232/422/485		
LAN	2 x RJ45 (2.5 Gbps)							1 x RJ-45 1 Gbps, 1 x RJ45 2.5 Gbps				2 x Gigabit LAN		
Video Port	2 x HDMI 2.0b							1 x HDMI 1 x VGA				1 x HDMI 1.4b 1 x DP1.2		
Audio	2 x 3.5mm phone jack connector													
Main System														
CPU	Intel® Alder Lake-P Core i5/i7							Intel® Elkhart Lake J6412				Intel® Elkhart Lake x6413E		
Memory	up to 64GB							DDR4 up to 32GB						
Chipset	Soc													
OS support	Windows 10 / Windows 11													
Storage & Expansion														
Storage	512G SSD											128G SSD		
Expansion slot	1 x M.2 Key B, 1x 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		
Mechanical & Environmental														
Weight (kg)	TBD													6.4
Operating Temp.	0~50℃ (w/ air flow)				-20~60℃			0~50℃ (by SSD)				-20~60℃		
IP rating	Front IP66, IK05													
Cooling	Fanless													
Power														
Power Input	DC 12~28V											DC 12 V		
Power Adapter	AC 100~240V				AC 90 ~ 264V			AC 100~240V				AC 90~264V		
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



HMI Factory Automation



Self Check-in Machine



Bike Rental Kiosk



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

