

# INTERACTIVE FLOOR MOUNT SERVICE KIOSK

**INDUSTRIAL GRADE**

## WINDOWS KIOSK



### Key Features

- **Windows | Linux**
- **Core i5 | Core i7 CPU**
- **8 GB | 16 GB Ram**
- **10 points Capacitive Touch**
- **Built-in Audio**
- **Built-in Wi-Fi**
- **80 mm Kiosk Printer**
- **QR Code Scanner**

### Application Area

Healthcare | Educational Institutions  
Hotels & Restaurants | Financial Institutions  
Entertainment Zone | Corporate Area  
Shopping Malls | Reception and Lounge Area



Sizes Available

**21.5 | 24 | 32**

## Display Panel Specifications

Model No.	215T-FMSKPMW	238T-FMSKPMW	321T-FMSKPMW
<b>Panel Size</b>	21.5 inch	23.8 inch <b>(Industrial Grade) - 24 x 7</b>	32 inch <b>(Industrial Grade) - 24 x 7</b>
<b>Panel Type</b> (LED Backlit)	TFT LCD with Touch	Active Matrix TFT-LCD with Touch	Active Matrix TFT-LCD with Touch
<b>Resolution</b>	1080 x 1920	1080 x 1920 @60Hz	1080 x 1920 @60Hz
<b>Contrast Ratio</b>	1000 : 1	3000 : 1	3000 : 1
<b>Viewing Angle</b>	178°	Horizontal (Left/Right) CR ≥ 10, 89°/89° Vertical (Up/Down) CR ≥ 10, 89°/89°	Horizontal (Left/Right) CR ≥ 10, 89°/89° Vertical (Up/Down) CR ≥ 10, 89°/89°
<b>Luminance</b>	300 nits	350 nits with PCAP 340 nits	400 nits with PCAP 390 nits
<b>Aspect Ratio</b>	16 : 9	16 : 9	16 : 9
<b>Display colors</b>	16.7 M	16.7 M	16.7 M
<b>Display mode</b>	Transmission mode	Transmission mode	Transmission mode

### Touch Screen Parameters

<b>Touch Technology</b>	PCAP	PCAP	PCAP
<b>Cover Glass Treatment</b>	Strengthened	Strengthened	Strengthened
<b>Cover Glass Surface Treatment</b>	Optional : Anti-Glare	Optional : Anti-Glare	Optional : Anti-Glare
<b>Input / Output</b>	VGA, HDMI, USB (type B)	VGA, HDMI, USB (type B)	VGA, HDMI, USB (type B)
<b>Impact Resistance Level</b>	IK08	IK08	IK08
<b>Active Area (W x H) mm</b>	268.11 x 476.64 ± 0.3	528.0 x 297.5 ± 0.3	698.4 x 392.8 ± 0.3
<b>Thickness (Total) mm</b>	5.4 ± 0.3	5.4 ± 0.3	5.4 ± 0.3
<b>Light Transmission</b>	≥ 85%	≥ 85%	≥ 85%
<b>Response Time</b>	10 ms	10 ms	10 ms
<b>Touch Screen Interface</b>	USB	USB	USB
<b>Touch Point</b>	10	10	10
<b>Operating Temperature</b>	0 °C - +50 °C	0 °C - +50 °C	0 °C - +50 °C
<b>Storage Temperature</b>	-20 °C - +60 °C	-20 °C - +60 °C	-20 °C - +60 °C
<b>Operating Ambient Humidity</b>	10%RH - 80%RH	10%RH - 80%RH	10%RH - 80%RH
<b>Storage Humidity</b>	10%RH - 80%RH	10%RH - 80%RH	10%RH - 80%RH
<b>Response Time (Typ.)</b>	10 ms	10ms	16 ms
<b>Certifications / Approvals</b>	BIS, GeM (OEM)	BIS, GeM (OEM)	BIS, GeM (OEM)
<b>Warranty</b>	<b>1 year</b>	<b>1   3 year</b>	<b>1   3 years</b>

## Electrical & Physical Specifications

Electrical & Physical specification			21.5"	24"	32"
<b>Input Power Supply</b>	220 V - 240 V 1 Ph. 50 Hz	Dimensions (W x D x H)	355 x 150 x 912 (mm)	355 x 150 x 912 (mm)	355 x 150 x 912 (mm)
<b>Operating Voltage</b>	12 V DC	Base (W x D x H)	500 x 450 (mm)	500 x 450 (mm)	500 x 450 (mm)
<b>Standby</b>	0.5 W	Gross Weight	-	-	-
		Cabinet Material	MS	MS	MS

## Product Features

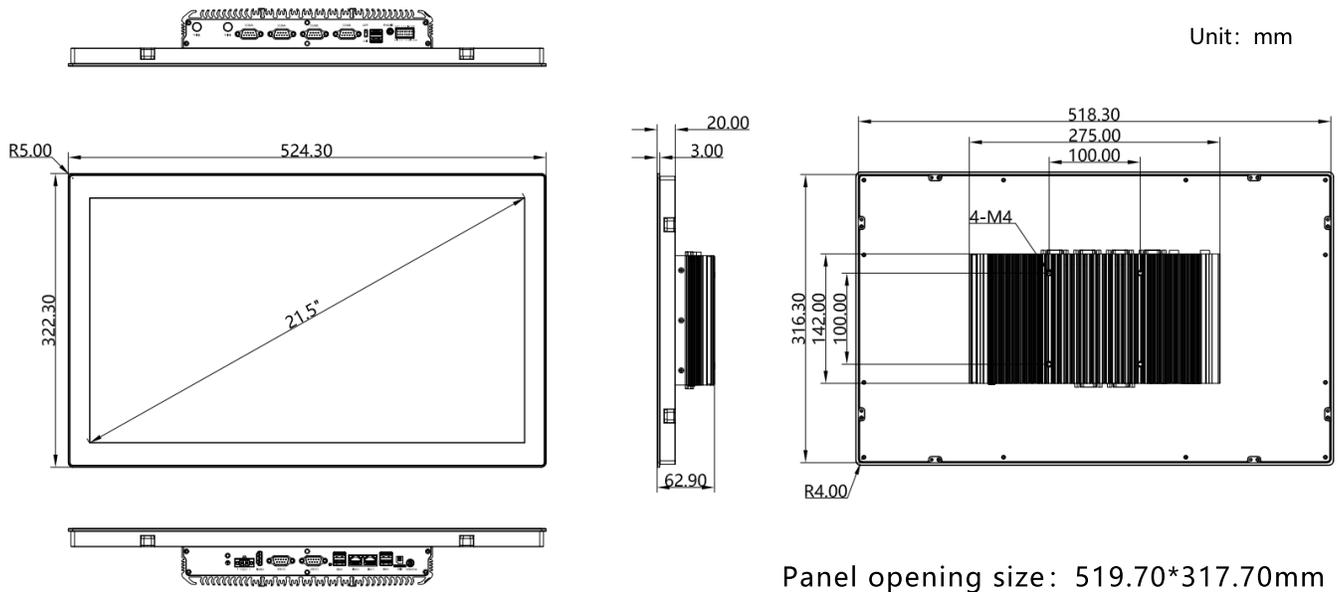
- Industrial-grade 21.5-inch LCD display
- Projected capacitive touch screen, 10-point touch
- Intel® Core 7th/10th/12th/J6412/N97 processor
- Dual Gigabit Ethernet ports, support network wake-up, PXE function
- 6\*COM, COM1/COM2 support RS232/RS485 Optional
- 4\*USB3.0, 2\*USB2.0
- 8\*GPIO (Provides digital input and output)
- 1\* Power-on automatic start switch (manual toggle)
- 1\*CMOS Clear Button (to clear BIOS settings and restore to factory defaults)
- DC12V input, optional DC9-36V wide voltage input, supports power-on
- Support win10/win11/Linux system
- Compact fanless design, with sturdy aluminum alloy shell and IP65-level front panel



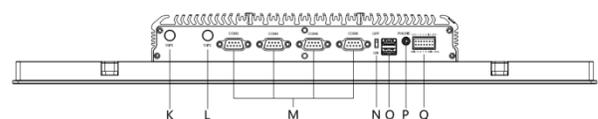
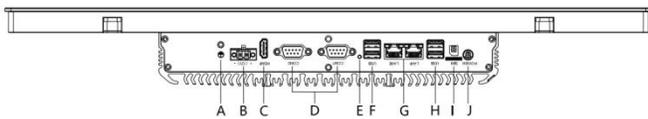
**Product Parameters**

model					
system	CPU	Intel® Core 7th Generation i3/i5/i7	Intel® Core 10th Generation i3/i5/i7	Intel® Core 12th Generation i3/i5/i7	Intel® Celeron J6412/ Intel® Alder Lake_ N97
	Memory	1*SODIMM memory slot, supports DDR3L/DDR3, maximum support 32GB	2*SODIMM memory slots, support DDR4 dual-channel memory, maximum support 64GB	2*SODIMM memory slots, support DDR4 dual-channel memory, maximum support 64GB	1*SODIMM memory slot, supports DDR4, maximum support 32GB
	storage	1* M.2 2280 Key-M slot (supports SATA SSD and NVME SSD adaptive) 1*SATA (supports 2.5-inch hard disk)	1* M.2 2280 Key-M slot (supports SATA SSD and NVME SSD adaptive) 1*SATA (supports 2.5-inch hard disk)	1* M.2 2280 Key-M slot (supports SATA SSD, customizable NVME SSD) 1*SATA (supports 2.5-inch hard disk)	1* M.2 2280 Key-M slot (supports SATA SSD) 1*SATA (supports 2.5-inch hard disk)
	Network (LAN)	2 *RTL8111H Gigabit electrical ports, support network wake-up/PXE			
	I/O Interface	1*power switch 1 * power indicator, 1 * hard disk indicator 1*HDMI 4*USB3.0, 2*USB2.0 2*LAN 6 * COM (COM1/COM2 optional RS232/RS485, COM3-COM6 RS232) 8*GPIO (providing digital input and output) + SW (start button external interface) 1*audio two-in-one interface 1*Power-on automatic start switch (manual toggle) 1*CMOS Clear button (can clear BIOS settings and restore to factory default state) 1 * 2pin Phoenix terminal, supports 12V voltage input, optional 9-36V wide voltage input			
	Extensions	1*M.2 2230 Key-E slot, supports WIFI/BT module 1*Mini-PCIE slot, supports WIFI / 4G module			
	Watchdog	255 levels of programmable seconds/minutes, supporting timeout interrupt or system reset			
	speaker	2*8Ω 2w			
	operating system	operating system	Microsoft® Windows10 , Win dows 11 , Linux		
	LCD screen	type	21.5-inch industrial-grade LCD display (LED backlight)		
Resolution		1 920 * 1080			
Viewing angle		89/89/89/89 (Typ.)(CR≥10)			
brightness		250nits			
Contrast		3000:1			
touchscreen	Backlight life	30000hr (min.)			
	type	Projected capacitive touch , 10-point touch			
	Control method	USB interface			
environment	Light transmittance	More than 80%			
	Operating	-5 °C ~ 60 °C			
	Storage	-20 °C ~ 75 °C			
body	relative	5%-95% relative humidity, non-condensing			
	Weight (bare	TBD			
	Install	Support VESA installation/embedded panel installation			

Dimensional Drawing



I/O View



- A. GND
- B. DC 12V (9-36V optional)
- C. HDMI
- D. COM1/COM2
- E. CMOS Clear button
- F. 2\*USB3.0
- G. 2\*LAN
- H. 2\*USB3.0
- I. SIM card holder
- J. Pushbutton switch
- K. WIFI
- L. WIFI
- M. COM3-COM6
- N. Power-on automatic
- O. 2\*USB2.0
- P. PHONE
- Q. GPIO + SW

CPU Information

No.	Model	Version	CPU	Memory	LAN	COM	HDMI	USB 3.0	USB 2.0	POWER
1	YPC-215AZ	7th generation	7th generation i3/i5/i7	1 *SO - DIMM	2 *8111H	6	1	4	2	12V (9-36V optional)
2	YPC-215AZ	10th generation	10th generation i3/i5/i7	2 *SO - DIMM	2 *8111H	6	1	4	2	12V (9-36V optional)
3	YPC-215AZ	12th generation	12th generation i3/i5/i7	2 *SO - DIMM	2 *8111H	6	1	4	2	12V (9-36V optional)
4	YPC-215AZ	J6412	J6412	1 *SO - DIMM	2 *8111H	6	1	4	2	12V (9-36V optional)
5	YPC-215AZ	N97	N97	1 *SO - DIMM	2 *8111H	6	1	4	2	12V (9-36V optional)

# INTERACTIVE FLOOR MOUNT SERVICE KIOSK Specification

## Product Introduction

FP302 is a kind of 3 inch panel mounted (mounting in front panel of the device) printer, can print 58 mm and 80 mm paper width. This is most used as Kiosk Printer in Queue management system, self-ordering kiosk, visitor attendance terminal, ticket vendor, information kiosk, check-in kiosk, vehicle-mounted ticket vendor and more. This printer has paper jam detection system, support easy paper loading option by a front switch panel with a speed of 250 mm/s. This thermal printer supports all Operating system like Android, Windows, Linux/Ubuntu. The connectivity is as easy like using a 2 pin connector / USB / RS 232 for easy operations.



## Features

- Brand name printer mechanism & auto cutter
- Rugged industrial shell
- Ultra fast speed 250 mm/s
- Multi-position location hole mounting
- Patented "anti-block" ticket system
- Suitable for vehicle-mounted environment
- Adjustable bucket for 58/80 mm width roll
- Available customized



## Specification

Printer Method	Thermal dot line
Dots/line	576 dot/line
Resolution (dots/mm)	8 sot/mm
Cutting method	Full/partial
Paper width	58 mm or 80 mm
Printing width	72
Roll diameter max	Ø80 mm
Paper thickness	0.052~0.12 mm
Printing speed	250 mm/s
Paper loading method	Easy loading
Printer head	Thermistor
Paper end	Photo interrupter
Working voltage (Vp)	DC 24V
Power consumption	2A (average)
Peak current	6.5A
Interface	RS-232C/USB
Commands	ESC/POS
Driver	Windows/Linux/Android/Raspberry Pi
Cutter life	1,500,000
Pulse	100,000,000
Work temperature	-10~50 °C

Work humidity	20% 85%RH
Storage temperature	-20~60 °C
Storage humidity	10~90%RH
Printing length (km)	Over 150
Dimension (mm)	127 x127 x 100
Weight (g)	900 (without paper roll)

Other Floor Mount Standee



Interactive Service Kiosk

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