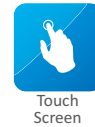


IPPS-12.1" Series

12.1" IP65 P-CAP Panel PC



- 12.1" LCD, 1024 x 768 pixel
- 10 points P-CAP touch screen
- Front IP 65
- True Flat Design
- Fanless design

Product Specification

System color	Silver or dark grey	
Mechanical	Heavy-duty steel	
	IPPS-1213	IPPS-1268
Display		
Display type	12.1" XGA TFT LCD	
Display area (mm)	245.8(H) x 184.3(V) mm	
Aspect ratio	4:3	
Resolution	1024 x 768 pixel	
Luminance/Brightness	600 cd/m ²	1600 cd/m ²
Color	16.2M	16.2M
Color saturation (NTSC)	72%	60%
Pixel pitch (H/V)	0.24mm x 0.24mm	
Contrast ratio	700 : 1 (typ.)	1000 : 1 (typ.)
Response time (Typical)	16ms	8ms
Viewing angle (H/V)	160°/140° (typ.)	160°/160° (typ.)
Backlight MTBF	50,000 hrs (typ.)	100,000 hrs (typ.)
Touch screen type	P-CAP 10 points touch screen	
LCD Power consumption	12W	13.7 W
Environment		
IP level	Front IP65	
Operating temperature	0°C ~ 50°C (-30°C optional)	
Storage temperature	-30°C ~ 80°C	
Relative humidity	0% ~ 90% (non-condensing)	
Dimensions(w/o BOX PC)	330.7mm(W) x 26.8mm(D) x 252.9mm(H)	
Weight(w/o BOX PC)	2.14 kg	

Optional

Power cord	US/EUR/UK/JP
Power adapter	90~264VAC.60W ADAPTER (VL22002000AH)

Mix and Match with

B Type



C Type



D Type



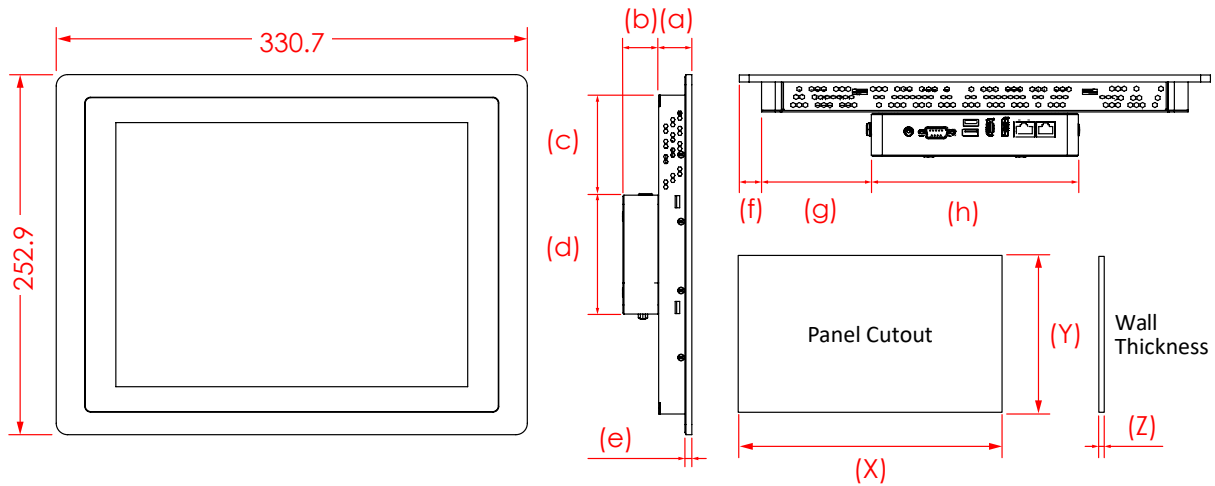
E Type



*All specifications and photos are subject to change without prior notice



Dimensions



Dimensions (mm)								Cut Size (mm)			
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(X)	(Y)	(Z Min.) (Z Max.)
B Type	31.8	35	74.1	117.7	6	18.1	89.4	169	295	216.2	1 3
C Type	31.8	49.8	72.9	123.2	6	18.1	84.9	178			
D Type	31.8	44.5	62.5	146	6	18.1	43.4	261			
E Type	31.8	63.9	60.1	146	6	18.1	43.9	260			

Ordering Information

IBOX Type	System Type	Panel Type	Form Platform	Chassis Type	Touch Type	*CPU ID	Accessory serial number
B Type	: IPPS	- 1213 / 1268 -	B Y T 1 - B S W 1 A P L 7 S K L 2	BP00	-	1 ~ 3 1 ~ 4 1 ~ 5 1 ~ 4	000
C Type	: IPPS	- 1213 / 1268 -	B Y T 1 - B S W 1 A P L 7 S K L 2	CP00	-	1 ~ 3 1 ~ 4 1 ~ 5 1 ~ 4	000
D Type	: IPPS	- 1213 / 1268 -	B Y T 1 - B S W 1 A P L 7 S K L 2	DP00	-	1 ~ 3 1 ~ 4 1 ~ 5 1 ~ 4	000
E Type	: IPPS	- 1213 / 1268 -	S K L 2 - H S W 1	EP00	-	1 ~ 3 1 ~ 2	000

B Type : IPPS-1213-BYT1-BP00-1000
 ↑
 Modular Panel PC
 Mix and Match Yourself
 ↓
 E Type : IPPS-1268-HSW2-EP00-2000

*CPU ID	BYT1	BSW1	SKL2	HSW1	APL7
1	E3825	N3010	3955	i3-4102E	E3930
2	E3845	N3060	i3-6100	i5-4402E	E3940
3	J1900	N3160	i5-6300		E3950
4		N3710	i7-6600		N3350
5					N4200

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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