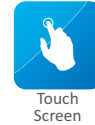


IPPS-12.1" Series

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



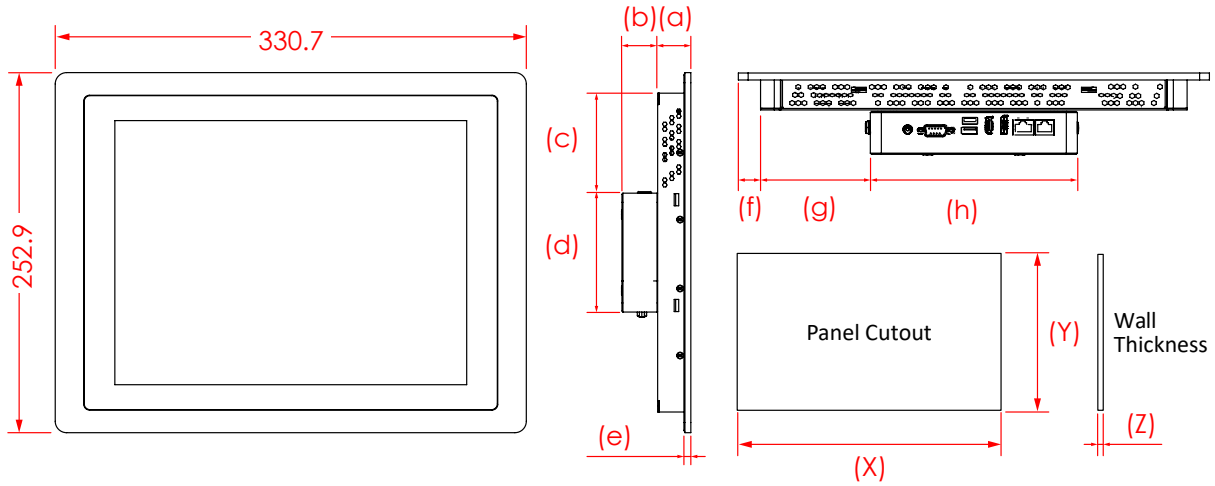
E Type



*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 | *CPU ID | Accessory serial number | | |
|-----------|-------------|-----------------|---------------|-----------------|---------|-------------------------|-----|-----|
| B Type | : IPPS | - 1213 / 1268 - | BYT 1 | BP00 | - | 1~3 | 000 | |
| | | | BSW 1 | | | | | 1~4 |
| | | | APL 7 | | | | | |
| SKL 2 | 1~4 | 1~4 | | | | | | |
| C Type | | | : IPPS | - 1213 / 1268 - | BYT 1 | CP00 | - | 1~3 |
| | BSW 1 | 1~4 | | | | | | |
| | APL 7 | | | | 1~5 | | | |
| SKL 2 | 1~4 | 1~4 | | | | | | |
| D Type | | | : IPPS | - 1213 / 1268 - | BYT 1 | DP00 | - | 1~3 |
| | BSW 1 | 1~4 | | | | | | |
| | APL 7 | | | | 1~5 | | | |
| SKL 2 | 1~4 | 1~4 | | | | | | |
| E Type | | | : IPPS | - 1213 / 1268 - | SKL 2 | EP00 | - | 1~3 |
| | HSW 1 | 1~2 | | | | | | |

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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