

ESY-A2102

21.5" i3-Gen 6 High IP Rating Panel PC

Features

- Intel® i3-6100U Processor
- 8GB RAM, 128GB SSD
- 21.5" Monitor with 350 nits
- FHD display
- DC12V Input
- 0 to 50°C working temperature
- Windows 10 IoT supported

Appearance





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Revision Table

Date	Revision	Content	By
2024/6/7	0.1	First Draft	Dennis

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Specification

Display	
LCD Type	TFT LCD, LED Backlight
Size	21.5 inch
Resolution	1920 x 1080
Numbers of colour	16.7M
Brightness	350 nits
Contrast Ratio	1000:1 (Typ.)
Response Time	15ms
Viewing Angle	Wide Angle 178/178
Touch Glass (Optional)	Projected Capacitive Multi Touch
Surface Hardness	≥6H
System	
CPU	Intel® i3-6100U Processor, 3M Cache, up to 2.30 GHz
Memory	Standard 4GB, Optional 8GB/ 16GB
Storage	Standard 128GB, Optional 256GB/ 512/ 1TB GB
GPU	Intel® HD Graphics 520
Interface	USB 2.0 *2 RJ45 *1 Power DC12V Input*1 RS232 *1 WiFi + Bluetooth (optional) *1 (Water-proof connectors, other interfaces to be customized)
Power Input	12VDC,
OS	Windows 10 IOT
Mechanical	
Chassis	Aluminum Alloy Shell
Mounting	100x100 VESA Mount

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Environment Compliance

Operating Temp.	0°C to +50°C
Storage Temp.	-20°C to +70°C
Humidity	Ta≤25°C, 90%RH, non-condensing
IP Rating	IP66/ IP69K (Design change upon customization request)
Dimension & Weight	Refer Drawings, approx. 9kg

Environmental performance may vary according to the integration method or final integration scenario.

Deliverables

1	21.5" i3-Gen 7 High IP Rating Panel PC
2	Waterproof 100-240VAC to 12VDC adapter
3	Waterproof USB Cable
4	Waterproof Serial Signal Cable
5	Water RJ45 Cable

Ordering Information

Model Name	Description	Unit
ESY-A2102	21.5" i3-Gen 6 High IP Rating Panel PC	1

Ordering Details

ESY-A2102 - 2 5 T N

RAM Capacity
 (N) None
 (2) 4GB
 (3) 8GB
 (4) 16GB

SSD Capacity
 (N) None
 (5) 120~128GB
 (6) 240~256GB
 (7) 480~512GB
 (8) 960~1TB

Touch Options
 N – No Touch
 T – PCAP Touch

Connectivity Options
 N – No Touch
 W – WiFi + BT

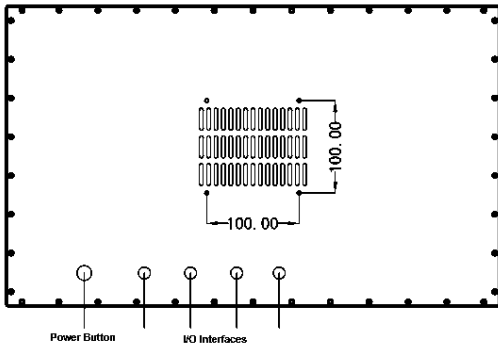
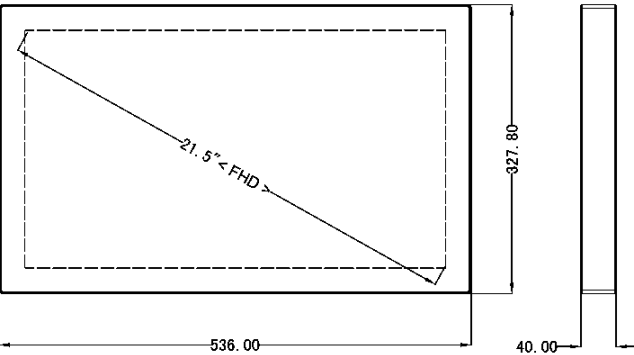
Standard Model: ESY-A2102-25TN

21.5" i3-Gen 6 High IP Rating Panel PC, 8GB RAM, 128GB SSD, PCAP Touch, No WiFi & BT

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21.5" i3-Gen 6 High IP Rating Panel PC

Reference Drawings



Accessories

