

# APO Series

## Button-integrated Panel PC

### Features

- 15.6"/ 21.5" FHD Panel PC
- 16:9 Widescreen Multi-touch Control
- Built-in Functional Buttons for Intuitive Operation
- Available with Configurable Button Area
- DC 9~36V Power Input



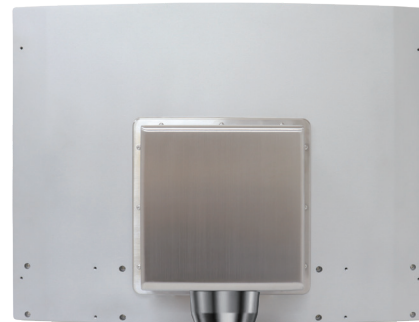
Total IP65

Hardness  
**7H**

Anti-scratch



USB 2.0    Start/Stop    User-defined/Reset    Emergency Stop/Key Switch



### Panel PC I/O:

- 4 x USB
- 1 x COM 1
- 1 x COM 2 (optional)
- 2 x LAN

### Integrated Swing Arm Mount



### Optional Accessories

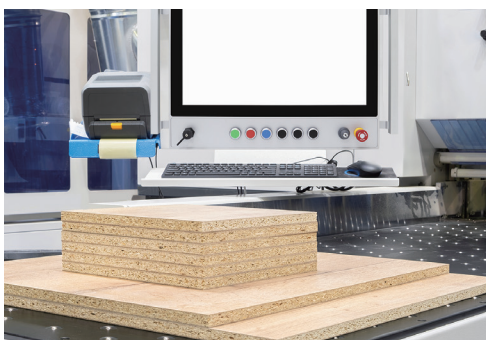


Keyboard Holder (optional)



Left-Right Handle (optional)

### Applications





## Specifications

Model	APO-916CP	APO-921CP
<b>System</b>		
CPU	Intel 11th Gen. i3/i5 Processors	
Memory	2 x DDR4-3200MHz SO-DIMM slot, up to 64GB	
TPM	TPM 2.0	
<b>I/O Port</b>		
USB Input	4 x USB 3.2 Type-A	
Serial/Parallel	1 x COM 1 1 x COM 2 (optional)	
LAN	2 x LAN	
Graph	Intel UHD Graphics	
Power Connector	1 x 3-pin Terminal Block for DC Power Input	
<b>Display</b>		
Display Type	15.6" TFT-LCD	21.5" TFT-LCD
Max. Resolution	1920 x 1080	1920 x 1080
Max. Color	16.7M	16.7M
Luminance (cd/m <sup>2</sup> )	500	250
View Angle (H°/V°)	178 / 178	178 / 178
Contrast	1000:1	1000:1
Backlight Lifetime (hrs)	50,000	50,000
<b>Touch Screen</b>		
Type	Projected Capacitive Touch	
Interface	USB	
Light Transmission (%)	Over 90%	
<b>Button Panel</b>		
Emergency Button	1 x Emergency Button	
Key Switch	1 x Key Switch (for option)	
Push Button	Default: 1 x BLUE (reset) / 1 x RED (stop) / 1 x GREEN (start) Optional: 3 x BLACK (self-defined)	
USB Input	1 x USB 2.0 Type-A	
<b>Power</b>		
Power Input	DC 9~36V Input	
<b>Mechanical</b>		
Construction	Front Bezel: Aluminum CNC Rear Housing: Stainless 316L	
IP Rating	Full IP65	
Mounting	Swing ARM support Rittal CP-40	
Bracket	Left-Right Handle / Keyboard Holder: Aluminum	
Dimension (mm)	409.9 x 341.1 x 162	545.8 x 418 x 162
Net Weight (kgs)	TBD	TBD
<b>Environment</b>		
Operating Temperature (°C)	0~55°C	
Storage Temperature (°C)	-30~70°C	
Storage Humidity	10 to 90% @ 40°C, Non- condensing	
Certification	Meet CE / FCC Class A / UKCA	
<b>Operating System Support</b>	Windows 10 IoT / Windows 11 IoT / Ubuntu	