

APOLLO AIP-ANDROID 12 INTERACTIVE FLAT PANEL

8+128G NFC

Model: AIP-Android 12

Generated On: August 04, 2026

Key Features

- **4K UHD display** (3840×2160), 16:9 ratio, up to ~215" size
- **High brightness** (550 cd/m²) & **10000:1 contrast**
- **Wide viewing angle** (178°) with **DLED backlight**
- **Infrared multi-touch** with **40 touch points**
- **Fast response** (<5 ms) & high touch accuracy (±1 mm)
- **Anti-glare 4mm glass**, supports finger, pen, and glove touch
- **Built-in Android 12 system** (8-core Cortex-A55, 8GB RAM, 128GB storage)
- **Wireless connectivity**: WiFi (2.4G/5G) & Bluetooth 5.0
- **Rich ports**: HDMI, USB (2.0/3.0), Type-C (full function), LAN, DP, VGA, etc.
- **Built-in camera (48MP) + 8-array microphones** (10m pickup)

Technical Specifications

Interactive Flat Panel DWTV100Q white color with camera with full function type C with NFC

Display Parameter	Diagonal Size	DWTV100Q65	DWTV100Q75	DWTV100Q85	DWTV100Q86	DWTV100Q98
	Effective Display Area	1428.48(H)*803.52(V)	1650.24(H)*928.26(V)	1872(H)*1053(V)	1895(H)*1066(V)	2158.85(H)*1214.35(V)
	Display Ratio	16:9	16:9	16:9	16:9	16:9
	Brightness	550cd/m ²	550cd/m ²	550cd/m ²	550cd/m ²	550cd/m ²
	Contrast Ratio	10000:1	10000:1	10000:1	10000:1	10000:1
	Backlight Type	DLED	DLED	DLED	DLED	DLED
	Viewing Angle	178°(V)/178°(H)	178°(V)/178°(H)	178°(V)/178°(H)	178°(V)/178°(H)	178°(V)/178°(H)
	Resolution	3840 (H) X 2160(V)	3840 (H) X 2160(V)	3840 (H) X 2160(V)	3840(H) X 2160(V)	3840 (H) X 2160(V)
	Audio Output Power	15W*2	15W*2	15W*2	15W*2	15W*2
Touch	Touch technology	Infrared Multi Touch Technology				
	Touch Points	40 points touch				
	Drive	HID drive free				
	Writing surface material	4mm Ag anti glare glass				
	Touch Screen Sensor Mode	Finger, writing pen, hand with gloves or other non transparent touch sensitive medium				
	Resolution	32768X32768				
	Communication Port	USB 2.0				
	Min Recognition Dim	2mm				
	ResponseTime	≤5ms				
	Touch Accuracy	±1mm				
	Anti-Interference	Incandescent lamp (220V, 100W), vertical distance 350mm above, The illumination intensity of the sun is up to 80000Lux				
	Calibration	Calibration free				
	Touch Times	More than 60 million times in the same position				
	Touch Power supply Mode	USB 5.0V power supply				
Android Specs	Android Frequency	8 core ARM Cortex-A55				
	System Version	Android 12				
	Memory	8g				
	FLASH	128G				
	WIFI	2.4G				
	Transmission screen WIFI	5G				
	Bluetooth	5.0				
Back port	Input	LAN IN	1	1	1	1
		HDMI 2.0	2	1	1	1
		RS-232	1	1	1	1
		USB 3.0	1	1	1	1
		VGA IN	1	1	1	1
		Audio IN	1	1	1	1
		DP IN	1	1	1	1
	OUT	MIC IN	1	1	1	1
		TF-card	1	1	1	1
		USB 2.0	1	1	1	1
		Earphone	1	1	1	1
		HDMI OUT	1	1	1	1
		LAN OUT	1	1	1	1
		coaxial(RCA)	1	1	1	1
		TOUCH OUT	1	1	1	1
Front port and function	USB3.0	3	1	1	1	1
	HDMI 2.0	1	1	1	1	1
	USB TOUCH	1	1	1	1	1
	Type-C full functions	1	1	1	1	1
Camera and mic		Built in 48 million pixels, 8 array high-resolution microphones with 10 meter pickup voice distance.				
NFC in the front frame		lock the screen				
Front button	Power Button On/Off	1	1	1	1	1
Accessories	2-piece pen can recognize the bigger and smaller nip stylus, a 1-piece 1.5 meter remote control, a 5-m power cable, a 5-m HDMI cable, a 5-m USB touch cable, a 1-piece wall mount.					
Others	Power consumption of the whole machine (excluding OPS)	≤210W	≤300W	≤420W	≤420W	≤400W
	Standby consumption	≤0.5W	≤0.5W	≤0.5W	≤0.5W	≤0.5W
	Lifetime	30000 hours	30000 hours	30000 hours	30000 hours	50000 hours
	power supply	100-240V, 50/60Hz	100-240V, 50/60Hz	100-240V, 50/60Hz	100-240V, 50/60Hz	100-240V, 50/60Hz
	Demission	1485.2*905.7*88.3 (mm)	1707.6*1030.9*88.3 (mm)	1953.56*1177.9*88.3 (mm)	1953.56*1177.9*88.3 (mm)	2220*1324*105.7mm
	VESA hole site	4-M8 hole site 500mm*400mm	4-M8 hole site 600mm*400mm	4-M8 hole site 800mm*400mm	4-M8 hole site 800mm*400mm	4-M8 hole site 900mm*600mm
	Net Weight	37KG	50.6KG	66KG	66KG	87.1kg
	Gross Weight	45.75KG	62KG	82KG	82KG	111kg
	package size	1600*1030*200mm	1855*1170*200mm	2095*1320*220mm	2095*1320*220mm	2358*1485*280mm
PC (Optional)	PC Option	H81/H110/H310 Mainboard	H81/H110/H310 Mainboard	H81/H110/H310 Mainboard	H81/H110/H310 Mainboard	H81/H110/H310 Mainboard
	Input Voluge	18V DC	18V DC	18V DC	18V DC	18V DC
	Rated Output Current	5A	6A	6A	6A	6A
	Peak Output Current	6A	8A	8A	8A	8A
	Rated Load Power	90W	108W	108W	108W	108W
	Interface	Canform to Intel® OPS-C JAE 80-pin connector				
	National standard OPS size	L194.6*W179.8*H42mm (42mm or 30mm)				
	European standard OPS size	L180*W119*H30mm				