



AIO-5502

This multi-functional touch-screen video monitor includes an integrated Windows-based PC module and an Android-based system board with a quickstart interface for accessing the internet. It is ideal for use in learning environments, in broadcast production, in corporate collaboration or in any application that benefits from onboard computing with touch-screen functionality.

Benefits

- LED backlight: brighter picture using less power
- Displays native Full HD signals (1080i/p)
- Widescreen (16:9) native aspect ratio
- Infrared multi-touch technology, providing high precision and nominal latency
- Ultra-narrow appearance with < 4" depth; ADA compliant
- Front USB port for PC and Android

Integrated PC Module

- Operating System: Windows 8.1
- CPU: Intel Core i5
- Memory: 4GB DDR3 (16GB capacity)
- Dual-band WIFI: 802.11a/g/n (2.4G/5G)
- Bluetooth: Version 4.0
- Wired network port
- Mini Display Port: Audio/Visual digital interface

Android

- System Version: Android 4.2.1
- CPU: ARM Cortex A9 Dual Core CPU; Quad Core GPU
- Memory: 1.5GB; ROM: 8GB
- Wired network port

Related Products

- AIO-7001: 70" multi-touch PC monitor
- CT-55: Rolling cart for AIO-5502 and AIO-7001

Specifications

Mount	VESA 400 x 400mm for Wall or Cart Mount
HD Compatible	Yes
Top Glass	4mm Mohs level 7 tempered with anti-glare coating
Case	Durable Metal
IR Remote Control	Yes
Native Aspect Ratio	16:9
Visible Screen Size (WH)	47.6" x 26.8" / 1209.6 x 680.4mm
Resolution	1920(H) x 1080(V) (Full HD)
Brightness Rating	350 cd/m ² (Nit)
Contrast Ratio	1400:1
Back Light	LED (50K)
Dot Pitch	0.21(H) x 0.63(V)mm
Refresh Rate	60Hz
Color Depth	16.7 million
Number of Pixels	2,073,600
Response Time	6ms (Rising/Falling)
Audio Power / Speakers	8 Ohm, 2 Speakers x 10 Watts
Viewing Angle (L/R/T/B)	89/89/89/89 degrees
Digital Signal Processor	3D Comb Filter
Dimensions	51.8" x 31.7" x 3.7" / 1315 x 805 x 93mm
Operating Temp	32° ~ 104°F / 0° ~ 40°C
Humidity	10% ~ 90%
Power Requirements	100 ~ 240 VAC; 50/60 Hz
Power Consumption	190 Watts (Active); 0.5 Watts (Stand-by)
HDMI	x3 Inputs (Display); x1 Output (PC)
VGA	x3 15-pin D-sub Inputs / x1 Output
Composite	x1 Input; x1 R/L Input
Component	x1 RCA YPbPr Input
Display Port	x1 Output (PC)
RS-232	x1 9-pin Input
USB Touch	x1 Output
USB 2.0	x3 Inputs (Display); x5 Inputs (PC)
USB 3.0	x1 Input (Display); x2 Inputs (PC)
LAN	x1 RJ45 Input (PC); x1 RJ45 Input (Android)
Audio	x1 Coaxial Digital Output; x1 earphone Output
Power	x1 AC Input
Weight	Net: 119.1 lbs / 54 kg; Gross: 143.3 lbs / 65 kg

Specifications subject to change.