

Alfred

AD-215/156**Interactive Kiosk****FEATURES**

- 21.5" or 15.6" anti-glare touch screen display (portrait or landscape)
- Floor stand, desktop stand or wall mount (VESA)
- Available for Windows, Linux Ubuntu and Android
- Built-in thermal printer and 2D barcode scanner
- ADA keypad, payment terminal brackets, LED status indicator
- Large port selection and optional Wi-Fi and BT connectivity



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Specifications



Item	AD-215 (Windows/Linux)		AD-156 (Windows/Linux)
Display	Size: 21.5", 16:9, 1920 x 1080 (300 nits)		15.6", 16:9, 1366 x 768 (220 nits) 15.6", 16:9, 1920 x 1080 (400 nits)
Touch	PCAP touch		
CPU	Alder Lake-P Intel® Celeron® 7305 Intel® Core™ i3-1215U Intel® Core™ i5-1245U, vPro Intel® Core™ i7-1265U, vPro	Elkhart Lake Intel® Celeron® J6412	Kaby Lake-U Intel® Core™ i3-7100U Intel® Core™ i5-7300U
Memory	DDR4 4GB, 8GB, 16GB, 32GB		
Storage	M.2 PCIe SSD: 128GB / 256GB / 512GB		
I/O Ports	3 x serial ports, RS-232 (RJ45), 0V/5V/12V selected in BIOS (COM1, COM2, COM3)		2 x serial ports, RS-232 (RJ45), 0V/5V/12V selected in BIOS (COM1, COM2)
	1 x Intel LAN (IEEE 802.3 10/100/1000 Mbps)		2 x LAN(IEEE 802.3 10/100/1000 Mbps)
	4 x USB 3.2 + 2 x USB 2.0	3 x USB 3.2 + 3 x USB 2.0	4 x USB 3.0 + 2 x USB 2.0
	1 x Type-C (data transfer + display)		1 x VGA N/A for AD-156 Kaby Lake-U
	1 x RJ11 port support for 2 cash drawers with 24V / 12V jumper setting		
	1 x DC +12V out		
	1 x DC +12V input		
	1 x audio (1 x line-out)		
	1 x HDMI		
	Speaker	1 x speaker (3W)	
Printer	3" thermal printer		
Barcode Scanner	2D barcode scanner		
Peripheral Options	MSR, EMV terminal brackets, 5MP camera, RFID/NFC reader, ADA keypad, LED status indicator Wheels kit: two wheels & one handle		
Mounting Options	Desktop stand, floor stand or wall mount (standard VESA)		
Wi-Fi / BT (option)	Wi-Fi 6E Intel AX210, IEEE 802.11 a/b/g/n/acR2/axR2, BT 5.2		
Operating System	1. Windows 11 IoT Enterprise GAC (64bit) ready 2. Windows 10 IoT Enterprise LTSC 21H2 (64bit) 3. Linux Ubuntu 22.04		1. Windows 10 IoT Enterprise LTSC 21H2 (64bit) 2. Linux Ubuntu 18.04
TPM & vPro	1. Intel vPro (i5/i7 CPU only) 2. S/W TPM 2.0 (BIOS)	1. S/W TPM 2.0 (BIOS)	1. Intel vPro (i5 CPU only) 2. S/W TPM 2.0 (BIOS)
Power Adaptor	AD-215: AC-In 100~240V / DC-Out 12V, 120W AD-156: AC-In 100~240V / DC-Out 12V, 90W	AD-215: AC-In 100~240V / DC-Out 12V, 90W AD-156: AC-In 100~240V / DC-Out 12V, 65W	AD-215: AC-In 100~240V / DC-Out 12V, 120W AD-156: AC-In 100~240V / DC-Out 12V, 90W
Reliability	System operating temperature: 0~40°C / 32~104°F System humidity: 15% ~ 80% Storage temperature: -20~60°C / -4~140°F		
Dimensions (W x H x D)	Floor stand	Landscape: 524 x 1482 x 401 mm / 20.6 x 58.3 x 15.8 in (AD-215) 392 x 1424 x 401 mm / 15.4 x 56.1 x 15.8 in (AD-156)	
		Portrait: 380 x 1572 x 401 mm / 15.0 x 61.9 x 15.8 in (AD-215) 380 x 1511 x 401 mm / 15.0 x 59.5 x 15.8 in (AD-156)	
	Desktop stand	Landscape: 524 x 728 x 324 mm / 20.6x 28.7 x 12.8 in (AD-215) 392 x 671 x 324 mm / 15.4 x 26.4 x 12.8 in (AD-156)	
		Portrait: 324 x 818 x 324 mm / 12.8 x 32.2 x 12.8 in (AD-215) 290 x 752 x 324 mm / 11.4 x 29.6 x 12.8 in (AD-156)	

*Specification is subject to change without prior notice

Specifications



Item	AD-215 (Android)		AD-156 (Android)	
Display	21.5", 16:9, 1920 x 1080, 300 nits		15.6", 16:9, 1366 x 768 (220 nits) 15.6", 16:9, 1920 x 1080 (400 nits)	
Touch	PCAP touch			
CPU	Rockchip RK3399			
Memory	LDDR4 4GB			
Storage	eMMC 32GB + 1 x micro SD card slot (up to 128GB)			
I/O Interfaces	2 x serial ports, RS-232 (RJ45), 0V/5V/12V selected in setting (COM1, COM2)			
	1 x LAN (IEEE 802.3 10/100/1000 Mbps)			
	1 x RJ11 port supports 2 cash drawer with 24V / 12V by jumper setting			
	1 x DC + 12V out			
	1 x USB3.0 (OTG) + 5 x USB2.0			
	1 x DC +12V input			
	1 x audio (1 x line-out)			
	1 x HDMI			
	1 x micro SD card			
Speaker	1 x speaker (3W)			
Printer	3" thermal printer			
Barcode Scanner	2D barcode scanner			
Peripheral Options	MSR, EMV terminal brackets, 5MP camera, RFID/NFC reader, ADA keypad			
	LED status indicator (multi-colored light bar)			
	Wheels kit: two wheels & one handle			
Mounting Options	Desktop stand, floor stand, wall mount (standard VESA)			
Wi-Fi / BT (option)	2.4GHz/5GHz (IEEE 802.11a/b/g/n/ac), BT 4.2 (supports BLE)			
Operating System	Android 11			
TPM & vPro	N/A			
Power Adaptor	AC-In 100~240V / DC-Out 12V, 90W		AC-In 100~240V / DC-Out 12V, 65W	
Reliability	System operating temperature: 0~40°C / 32~104°F			
	System humidity: 15% ~ 80%			
	Storage temperature: -20~60°C / -4~140°F			
Dimensions (W x H x D)	Floor stand	Landscape: 524 x 1482 x 401 mm / 20.6 x 58.3 x 15.8 in (AD-215) 392 x 1424 x 401 mm / 15.4 x 56.1 x 15.8 in (AD-156)		
		Portrait: 380 x 1572 x 401 mm / 15.0 x 61.9 x 15.8 in (AD-215) 380 x 1511 x 401 mm / 15.0 x 59.5 x 15.8 in (AD-156)		
	Desktop stand	Landscape: 524 x 728 x 324 mm / 20.6x 28.7 x 12.8 in (AD-215) 392 x 671 x 324 mm / 15.4 x 26.4 x 12.8 in (AD-156)		
		Portrait: 324 x 818 x 324 mm / 12.8 x 32.2 x 12.8 in (AD-215) 290 x 752 x 324 mm / 11.4 x 29.6 x 12.8 in (AD-156)		

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