

43" Outdoor Digital Android Battery A-Boards



Fully portable solution for any space; display content all day and night on a single charge

Portable Lightweight Enclosure

With a moulded polymer rear these displays are incredibly lightweight and this, along with their rugged castors, means they can easily be moved by one person. The specialised castors are designed to minimise vibrations on uneven surfaces, protecting the internal components for a longer product lifespan.



Tempered Anti-Glare Glass

These displays feature a tempered glass front that has been specially treated to give an anti-glare finish. This completely diffuses external light reflections without reducing the brightness of the screen, improving the readability of on-screen content.



-  IP56-Rated Enclosure
-  27 Hour Running Time*
-  5½ Hours Rapid Charging
-  Android 14 Media Player
-  700cd/m² Brightness Display
-  Wide Viewing Angle
-  Robust Fixed Design
-  Locking Bar
-  Ambient Light Sensor
-  Ultra Resistant to Blackening Defect (up to 110°C)
-  Isolated Battery Housing
-  1,500cd/m² Version Available

*LCD panel supports up to 110°C

Other Features

700cd/m² High Brightness*

These displays feature a tempered glass front that has been specially treated to give an anti-glare finish. This completely diffuses external light reflections without reducing the brightness of the screen, improving the readability of on-screen content.



700cd/m²



Fully Weatherproof

Designed to withstand the elements, these displays are protected against all wet weather conditions and airborne dust particles by their robust IP56-rated outer casing. This means they can be used in any environment, come rain or shine.



Protection from
the weather!



Battery-Powered Display

The integrated lithium-polymer battery offers an amazing 27 hours run time from a single charge*, allowing you to display messaging all day and night without needing to recharge. A secure housing safely isolates this commercial grade battery from other components for total peace of mind.

27 Hours
Runtime*
(5.5 Hour Charge)



*Based on average running time, subject to variation. Excludes degradation and user damage caused by sulphation, deep cycling, and overcharging.

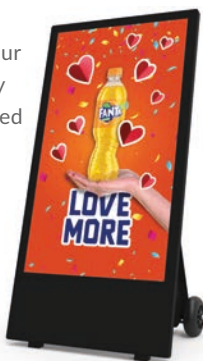
Robust Fixed Design

Unlike traditional A-boards, these displays have a sturdy non-foldable design for ultimate durability and extended lifespan. This is further enhanced by the tempered glass front, which protects the panel and internal components from damage.



Integrated Android 14 Media Player

The integrated Android 14 media player allows you to easily update on-screen content via USB plug and play. Alternatively, upgrade your screen to be networked without needing any additional hardware to unlock our cloud-based CMS software. Third-party software can be installed instead if required.



Secure Locking Bar

Once in position, the rugged castors can be locked in place with the built-in locking bar. For additional security, a padlock can be used to lock the bar in place.



Charge Level Indicator

The smart meter on the rear of the display tells you exactly how much charge the left battery has left, including an estimation of running time remaining, so you can rest assured that the battery will never die unexpectedly.



Ambient Light Sensor

Thanks to the built-in light sensor, the brightness of the screen will automatically change depending on the ambient conditions. This ensures these displays are always operating at the most suitable brightness for their environment, as well as maximising the running time.



*1,500cd/m² version also available

Key Features



700CD/M²
HIGH BRIGHTNESS*



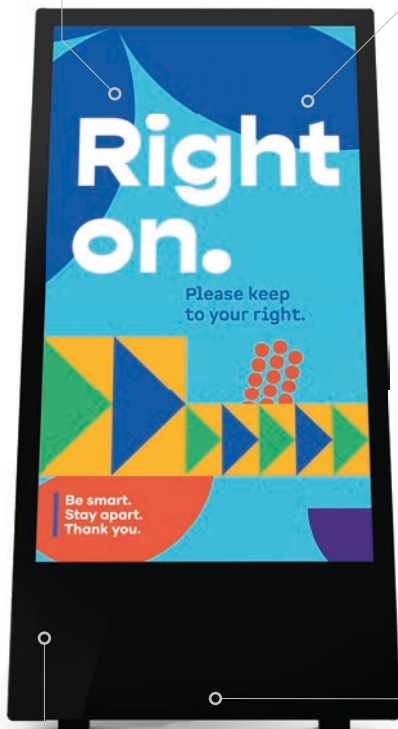
TEMPERED
ANTI-GLARE GLASS



INTEGRATED
ANDROID 14 MEDIA PLAYER



OPTIONAL
NETWORK UPGRADE



LIGHTWEIGHT ENCLOSURE

AMBIENT LIGHT SENSOR



ULTRA RESISTANT TO
BLACKENING DEFECT**

LOCKABLE RUGGED CASTORS



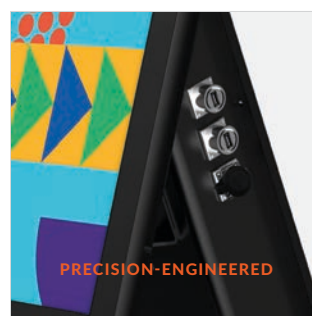
BATTERY POWERED



27 Hrs*



WEATHERPROOF
IP56-RATED ENCLOSURE



PRECISION-ENGINEERED



WHITE VERSION
AVAILABLE

*1,500cd/m² version also available
**LCD panel supports up to 110°C

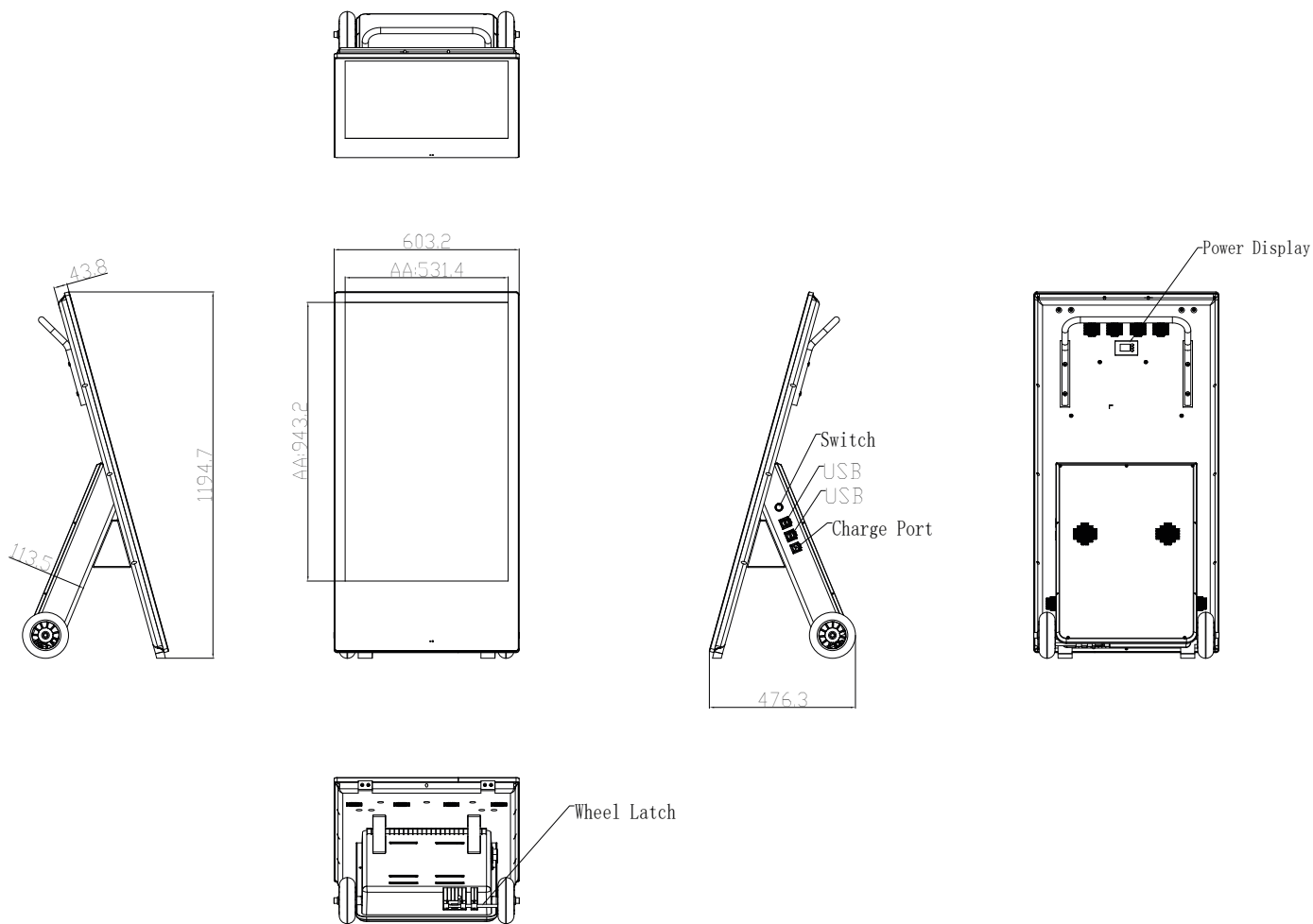
Specification Table

		OAB43HD10-B
Display	Resolution	1920 x 1080 @60Hz
	Display/Active Area [mm]	531.4x943.2
	Aspect Ratio	16:9
	Brightness [cd/m²]	700
	Colour	16.7M
	Viewing Angle [°]	178°
	Contrast Ratio	1,200:1
	Orientation Support	Portrait
Operating Hours		24/7 Commercial Use
System & Performance	CPU	RK3568 64bit Cortex-A55 Quad @2GHz
	GPU	Quad Mali-G52 2EE
	Graphics API Support	OpenGL ES 1.1/2.0/3.2, OpenCL 2.0 and Vulkan 1.1
	OS Operating System	Android 14
	RAM	4GB
	Storage	32GB
	Video Decoding	Supports FHD 60 fps H.264/H.265 video decoding
	Supported Media Formats	Video (MPG, AVI, MP4), Audio (AAC, MP3), Image (JPG, PNG)
	LAN	N/A
	Wi-Fi	Dual-band 2.4GHz / 5GHz (802.11a/b/g/n/ac)
	Bluetooth	5.0
Optional 4G Module		1 x SIM Slot (optional)
Connectivity & Interface	HDMI	N/A
	USB	2 x USB 2.0
	RS232	N/A
	Ethernet	N/A
	Audio Out	N/A
	Expansion Slot	N/A
	DC Input / Charger Output:	9.2V DC, 12A
	Switch	1 x Power Switch
	Speakers	5W, 8Ω (x2)
4G Module (Optional)		N/A
Battery	Battery Technology	Integrated lithium polymer
	Charging Time	5.5 hours
	Battery Life	27 hours*
	Battery Capacity	39,200mAh
	Power Consumption (Max)	73W
Dimensions & Weight	Screen Dimensions (mm)	1194.7x603.2x476.3
	Package Dimensions (mm)	1430x753x643
	Footprint (mm)	603.2x476.3
	Net Weight	39.3 kg
	Gross Weight	58 kg
Environmental Conditions	Operating Temperature [°C]	0°C to 40°C
	Storage Temperature [°C]	-10°C to 55°C
	Operating Relative-Humidity [%]	10% to 80%
	Storage Relative-Humidity	10% to 80%
Accessories	Included Accessories	Mains Power Cable; Charger; Remote Control + Batteries; User Manual (QR Code x2); Quick Start Guide
	Optional Accessories	Network Upgrade, Security Chain
Warranty	Warranty Period	3 Year Warranty
	Technical Support	Lifetime

Errors and omissions excepted



Technical Drawing

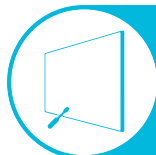


Why Choose Our Commercial Display Solutions?



Lifetime Technical Support

From the moment you receive your product, throughout the duration of your warranty and even after your warranty has expired we are here to support you. If you require any assistance setting up or using your product, or have any problems at all, we can provide free technical support via telephone and email.



On-site Support and Maintenance*

If needed, we can provide an installation service for any of our products. We can also set up service-level agreements for larger projects that require maintenance contracts.



Extended Warranty*

All of our commercial display products come with a 3 year commercial warranty as standard but if you want to extend this you can upgrade this to cover a 5 year period at point of purchase.



Training

As well as providing free remote CMS training sessions and webinars we can also visit you to deliver bespoke training for our software and hardware*.



Advanced Replacements†

Should your display suffer from any kind of hardware failure during the warranty period we will send you an advanced replacement and arrange for your old display to be collected, free of charge. This ensures no downtime where you are without a screen.



Custom Product Testing & Configuration

If you need us to test third party software or a website, or configure your screen in a particular way before it is dispatched (e.g. in a particular orientation or network mode), we can do so to make your life easier.



3D Rendering

Want to know how a particular screen will look once installed? Send us a photo of the location and we will create a 3D rendering of any screen in situ to help you to visualise how amazing it will look.



Logistics Support

We hold more stock in our UK warehouse than any other manufacturer so we can help you meet tight deadlines. For last minute orders we can also offer special express or morning delivery options*. We also carry out UK based quality control checks on every display before it leaves our warehouse.



Project Support

If you need to loan a sample unit to test we'd be more than happy to arrange this. We can also provide a rental service for temporary projects*.



Customisation*

Your display can be customised to suit your requirements by adding your logo or printed graphics or even tailoring the colour of a display. We can also carry out hardware modifications to existing products or manufacture bespoke solutions for special projects.



Extras*

As well as being able to provide accessories and add-ons, such as extra remote controls, NUC PCs and video wall controllers, we can also supply custom made flight cases which are great if a display needs to be moved safely from place to place.

†UK mainland only

*These particular services may incur additional charges