

# Adapt-IQ 7" Digital Signage Tablet

Model: MCT-70HPQ



*A truly brilliant, smart, and professional Android tablet designed for commercial and retail use.*

The Adapt-IQ by Mimo is not a consumer tablet, but a tablet thoughtfully designed for commercial use where running 24/7 is crucial. With hardware designed for commercial and retail use, added features such as robust case, tempered glass, design and testing for 24/7 use, VESA mounting (75mm x 50mm), SD card protection system, stereo audio output, our tablet is the best Android solution for the demanding commercial and retail environment. The Adapt-IQ utilizes the security of wired with optional power over Ethernet OR the convenience of wireless Ethernet connections. Designed for fixed applications where a rugged mountable Android tablet is desired and where battery power is not required.

The Mimo Adapt-IQ tablet is designed to enhance the customer experience and provide the most cost effective solutions for retail POS/POP, commercial, industrial, and hospitality markets. Perfect for end-cap displays, kiosks, or as a customer-facing display in retail POS/POP environments.

## Build for long term use and support

The Adapt-IQ is designed and supported as a long term commercial product. The external specifications and tooling are controlled to ensure a long product life, which is crucial for maintaining continuity for all phases of project rollouts and service. The internal assemblies were developed for the Adapt-IQ and are not subject to obsolescence. While internal components may change for the better, this can be done without modification by the end user.

## Quad Core ARM A17

The Mimo Adapt-IQV 10-inch Android-powered signage player uses a quad core Cortex A17 chipset with a 1.8GHz peak frequency that supports the latest ARM processor optimized package. Apps launch instantly and run smoothly. The processor features a quad-core GPU, so that all graphic-intensive apps are fluid and lifelike. All this, combined with 2GB of dual-channel DDR3 memory, distinguishes our tablet from other solutions.

## Android 8.1 Oreo OS, license free

The quad-core Adapt-IQ with Android 8.1 OS has blazing fast loading times. Accelerated webpage speed by 50%, video/photo loading speed by 30%, app installation speed by 25%, and app loading speed by 16%. To meet customized needs, the Adapt-IQ by Mimo can be installed with applications downloaded from Android Market. Improved memory usage across the platform to ensure that apps can run efficiently on devices with 1GB or less RAM.



## High-quality tempered glass multi-touch panel

The Adapt-IQ by Mimo features a 5 point multi-touch projected capacitive panel. The capacitive touch panel is made of scratch-free tempered glass, and produced with a double-deck glass process and advanced laser carving. The touch panel responds fast and accurately without dead corners, allowing users to easily interact with your designed app.

## VESA mount and wired Ethernet

Unlike consumer tablets, the Adapt-IQ is designed with VESA mounting (75mm x 50mm) holes on the back, and an SD card with protection cap to meet the demanding environment of commercial and retail installations. In addition to the built-in Wi-Fi, our tablet comes with a wired RJ45 Ethernet connection and a SD memory slot to expand the internal memory. On the Adapt-IQ, you can also connect printers, bar code scanners, or any other USB accessory to the USB ports located on the back side tablet.

## Add on Module Slot

The Adapt-IQ by Mimo has 1 USB based add on module slot. This slot is designed to accept a magnetic stripe reader, 2D barcode reader, NFC module and more. New hardware capabilities can be added for future requirements.

## Play Full HD video smoothly, support, Flash & HTML5

The Adapt-IQ by Mimo plays full HD 1080P videos smoothly, and is compatible with 480P and 720P videos in all kinds of formats: TS, H.264, WMV, MPEG4, etc. The tablet supports Adobe Flash 11.0 and HTML5 animation technology, and can easily access dynamic webpage, and on-line videos or games.

## The best equipped commercial and retail tablet

The Adapt-IQ is fully equipped with all the typical tablet functions for running advanced and sophisticated client applications and offering users a rich and interactive experience.

## Elegant, Light, Durable, Modern, Professional

The Adapt-IQ 7" is designed with high-quality ABS case with modern zero-bezel design, thus greatly improving scratch resistance.

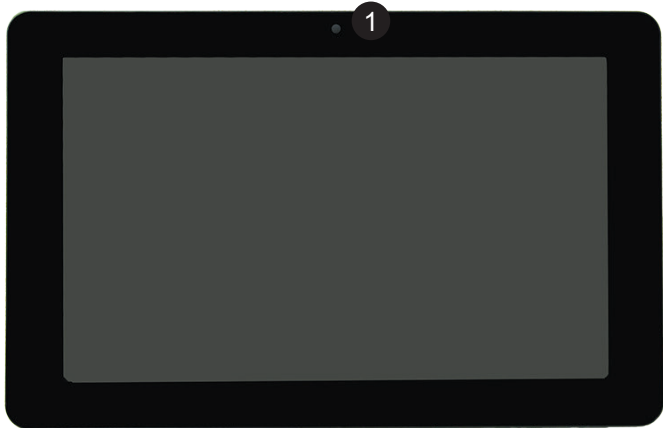
# Technical Specifications

Display	TFT LCD	7" inch configuration
	Number of Pixel	1024 x 600
	Aspect Ratio	16:9 wide
	Touch Panel	5 point touch projected capacitive
	Back-light	LED Side-light type
	Brightness	250 cd/m2
	Contrast Ratio	700:1
Media Format	Video	MKV, TS, FLV, AVI, VOB, MPG, DAT, ASF, RM, MOV, 3GP, MP4, WMV
	Audio	MP2, WMA, WAV, AAC, OGG, ASF
	Picture	JPG, BMP, GIF
I/O	SD card slot	SD card (SDHC Class10 compatible)
	USB	USB 2.0 host type A×1
	Micro USB	Micro USB 2.0 × 1
	Add-on Module slot	USB 2.0 x 1
Speakers	High quality speaker	1W x2
	Amplifier	1W x2
Power	Power requirement	DC 5V±5% input – barrel connector
	Power consumption	1KHz audio playback: ~7.5W max. - Off: 0W
	AC/DC Adapter	AC 100-240Vac, 2A max. 50-60Hz, 5V/1.5A AC/DC Adapter supplied
	Power over Ethernet POE	No
	LED	ON: Green - Timer standby: Orange - OFF: light off
	Switch	Power switch on back
Ethernet	RJ45	10/100Mbps LAN
Wireless	Wi-Fi	802.11 b/g/n
	Bluetooth	BT4.0
Camera	Front	Front: 5M pixels (optional)
Function Keys	Keys button	+, -, Up, Down, Menu/Enter
Barcode Scanner	Barcode Scanner	2D Barcode scanner (optional)
Hardware Systems	CPU	Cortex-A9, Quad Core, up to 1.6 GHz
	DRAM Memory	2GB DDR3 SDRAM
	Storage Memory	8GB eMMC Flash
	External Memory	SD Card (SDHC Class10 compatible)
	Software / OS	Android 8.1 Oreo
	Flash	Adobe 10.2 supported
General Information	Case design	Body and cover are black ABS & PC
	Dimensions without add-ons	Width: 207mm x Height: 120mm x Depth: 23mm
	Weight without add-ons	450g
	Mounting	VESA 75mmx75mm mounting screw holes
	Clock Battery (for RTC)	Lithium-ion non-rechargeable coin battery
	Storage Temp	-15 -- 65 degrees C
	Working Temp	-10 --50 degrees C
	Storage / Working Humidity	10 – 90% non-condensing
	MTBF	30,000 hours demonstrated
	Warranty	3 years
	Certifications	FCC, CE, & RoHS

# Mechanical Design

## Front

- 1. Camera (optional)



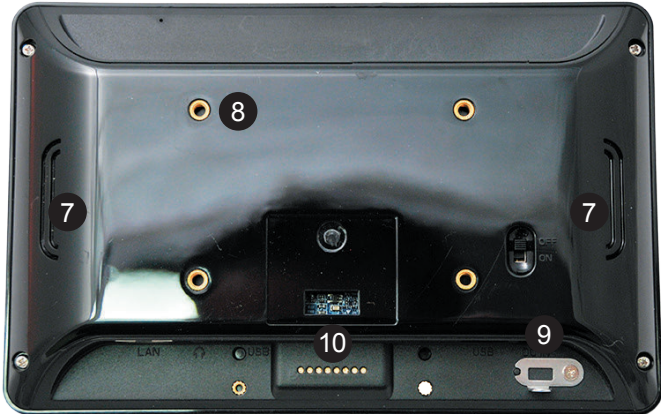
## Top

- 2. LED
- 3. SD card slot + cover
- 4. Menu/Enter button
- 5. Function keys (up/down)
- 6. Function keys (Vol+ / Vol-)



## Back

- 7. Speakers
- 8. VESA mounting holes 75mm x 50mm
- 9. DC in
- 10. Add on Module Slot



## Bottom

- 9. DC in
- 10. Add on Module Slot
- 11. Ethernet RJ45 port
- 12. USB type A
- 13. Micro USB
- 14. Power switch



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