

I M A G O

7" Digital Signage Display

Model: Imago A7

Preliminary Product Specification



Version V1.1 20180430

Basic Specification

Display	LVDS LCD	7" IPS LCD Panel
	Number of Pixel	1024(H)*600(V)
Touch	I2C Touch	capacitive multi-touch type
System	CPU	Rockchip RK-3288
	Emmc Flash	8G/16GB
	DDR3 DRAM	2GB
Media Format	Video	MKV, TS, FLV, AVI, VOB, MPG, DAT, ASF, RM, MOV, 3GP, MP4, WMV
	Audio	MP2, WMA, WAV, AAC, OGG, ASF
	Image	JPG, BMP, GIF
I/O	USB 2.0 USB Type	7NC-RM*1
	Micro USB OTG	*1
	Ethernet 10/100 Mbps	*1
	Wi-Fi 802.11b,g,n,ac	*1
	BT 4.1 above	*1
	Audio Jack	*1
	TF Slot	*1
Speaker	High Quality Speaker	7NC: 3W×2
Function Keys (7NC-RM Only)	Volume	Vol -,+
	Mode	Up/Down.
	Exit	Exit
Power	Slide Switch	*1
LED Indicator	Green, Amber	*1
Ethernet LED	Green, Amber	*1
Reliability	Certification	CE/FCC
Environment	Temperature	Operation: 0°C ~ 40°C (32F ~104F) Storage: -10°C ~ 55°C (14°F ~ 131°F)
	Humidity	Storage:10% ~ 85% (Non-Condensing)

Detail Specification

Hardware

CPU

- Cortex-A17, Quad Core, 1.6GHz

System Memory

- 2GB DDR3 SDRAM

Internal Storage Memory

- 8GB/16GB EMMC Flash

External Storage Memory

- Micro SD Card (Micro SDHC Class10 compatible)

LCD

- 7" 1024 X 600 digital TFT LCD、

Touch Panel Type

- 5 point capacitive multi-touch type,

Amplifier, Speaker

- Speaker unit: 3W+3W
- Save the set-up volume and keep the value at the time of power off and on.

Clock Battery (for RTC)

- Lithium-ion non-chargeable coin battery

LED

- [power supply ON] , and [power supply OFF] modes are supported.
- Power supply ON: Red then turn Green after kernel boot up.
- Power supply OFF: LED light off

Wireless Communication Specification

- Wi-Fi: IEEE 802.11b/g/n/ac module- Bluetooth: Bluetooth 4.1

External Interface

- Micro SD card slot
- Key button (+, -, Up, Down, Escape)
- USB interface:
 - USB host type A port (USB 2.0 high speed 480Mbps) x 1
 - Micro USB port (USB 2.0 high speed 480Mbps) x 1
- Power switch
- Mounting screw holes at back of device.

Case Outlook

- Front



- Top



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

- Back

- 7. Speakers
- 8. VESA mounting holes
- 9. DC in
- 13. On/Off Switch

- Bottom



- 9. DC in
- 10. Ethernet RJ45 port
- 11. USB type A
- 12. Micro USB

Case Dimensions

- The case dimension: (estimation)

Width: 207mm

Height: 120mm

Depth: 22.3mm

Weight (estimation)

- TBA (main body only excluding AC adapter and metal bracket)

Housing Design

- Body and cover are in black color.

Housing Material

- Body: ABS+PC

Power

- CE, FCC certified
- Power consumption: 1KHz audio playback etc. about 15W max., OFF 0W
- Input power spec.: AC 100-240Vac, 50-60Hz, DC 12V±5% 2A

Environmental Correspondence

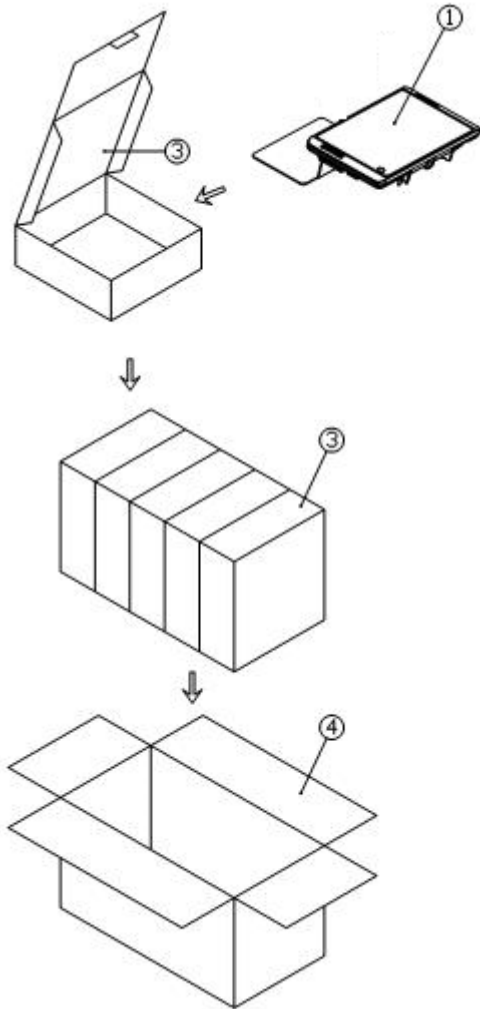
- ROHS

Shipment Form

- Appended goods

Packaging Specification

- 1PCS packaging box dimension: (L)276mm x (W)183mm x (H)57mm
- 10PCS carton dimension: (L)392mm x (W)317mm x (H)300mm



1. Body
3. 1PCS packaging box
4. 5PCS packaging carton