



X7 : Digital Signage Player

Hardware Specification

CPU	RK3288 Dual-core Cortex-A17 GPU Mail-T764
Frequency	1.8GHZ *4
Memory	DDR3 16GB
Storage	Onboard 16GB EMMC (32GB optional)
HDMI output	Support max resolution 3840*2160 Support 7" screen or above
Network	RJ45 Gigabit Ethernet Optional wifi module Support 2.4G WiFi Support Wi-Fi 802.11b/g/n protocol(optional) Support bluetooth,V2.1+EDR/Bluetooth 3.0/3.0+HS/4.1/BLE
RTC	Button Battery Support Automatic Power Up
System Watch Dog	Support software watch dog
API	API can be applied for: Brightness, Volume, Poweron/off, AutomaticPowerUp, Restart, Screenshot,Synchronize time with host server,Rotate Screen
Interface	Support USB camera,up to 800W pixel Support HDMI output 4*USB HOST TF card slot,support up to 64GB Support speaker (audio output)

Hardware Specification

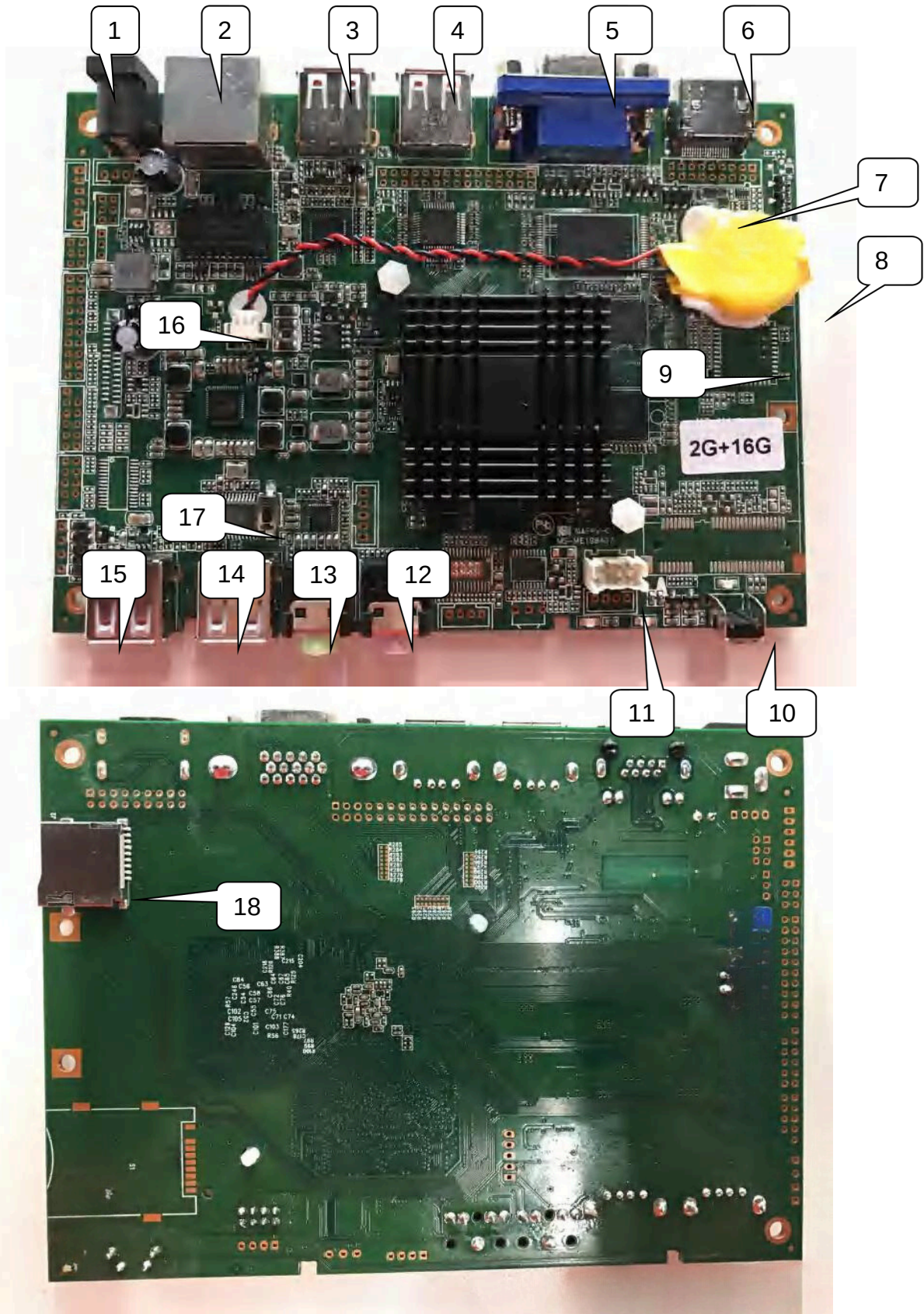
Support mic (audio input)	Audio MP3, WAV, APE, FLAC, M4A
Video	Support video format MP4, AVI, 3GP
	Support 1080P multi-view video decoding
	Support online video in Chrome browser
	Support up to 4K*2K output
Image Support	JPG、BMP、PNG
Power Supply	Input: AC100-240V.50-60HZ
	Output: DC5V 3A
Support mic (audio input)	Audio MP3, WAV, APE, FLAC, M4A
Video	Support video format MP4, AVI, 3GP
	Support 1080P multi-view video decoding

Software Specification

OS	Android 7.1/Ubuntu18.04
Default Application Camera	Browser.Resource Manager.Clock.Alarm.Calculator
Language	Multi languages
Input	Standard Andriod Keyboard
Network Browser	ChromeLite
System Management	APK installer
	Automatic Recovery after system breaks,7*24 hours unattended
System setting	Support OTA Remote Upgrade

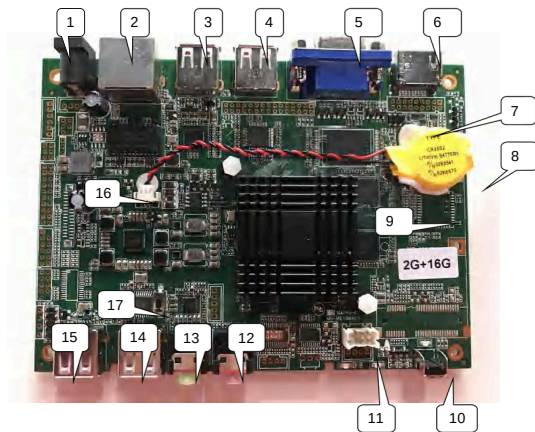


Interface Definition



Digital Signage & Industrial Control





- 1) DC Connector(5V IN)
- 2) Ethernet
- 3) 4) USB
- 5)VGA
- 6) HDMI
- 7) WIFI module (Optional)
- 8) WIFI antenna connector
- 9) WIFI,BT module(Optional)
- 10) POWER Button
- 11) KEY JACK

No.	Definition	Attribute POW	Description
1	Poweron/off	ER POW ER	POWER Button
2	3.3V RST-	Output	IO POWER RESE
3	KEY	Output	T
4	P-L	Output	POW ER_LE D
5	R	Grounding Wire	RESET MCU
6	GND	Output	Grounding Wire
7	ADKEY	Grounding Wire	AD button
8	GND		Grounding Wire

- 12) MIC JACK
- 13) Speaker
- 14) USB-HOST JACK

No.	Definition	Attribute Output	Description 5V
1	5V	Input	Voltage output
2	DM	Input	DM-
3	DP	Grounding Wire	DP+
4	GND		Grounding Wire

- 15) USB-HOST JACK

No.	Definition	Attribute	Description
1	5V	Output	5V Voltage output
2	DM	Input	DM-
3	DP	Input	DP+
4	GND	Grounding Wire	Grounding Wire

- 16) Battery Holder
- 17) Burner Button
- 18) SD Holder

