



DigiJupiter

DJP-E680

(Strongest Android Media Player with PoE feature)

C O T E N T S

1 Overview..... 3

1.1 Introduction.....3

1.2 Features..... 3

2 Profile 4

3 Specification 6

Revision history

Revision	Revision date	Principle changes
V1.0	Sep. 2023	Create version V1.0

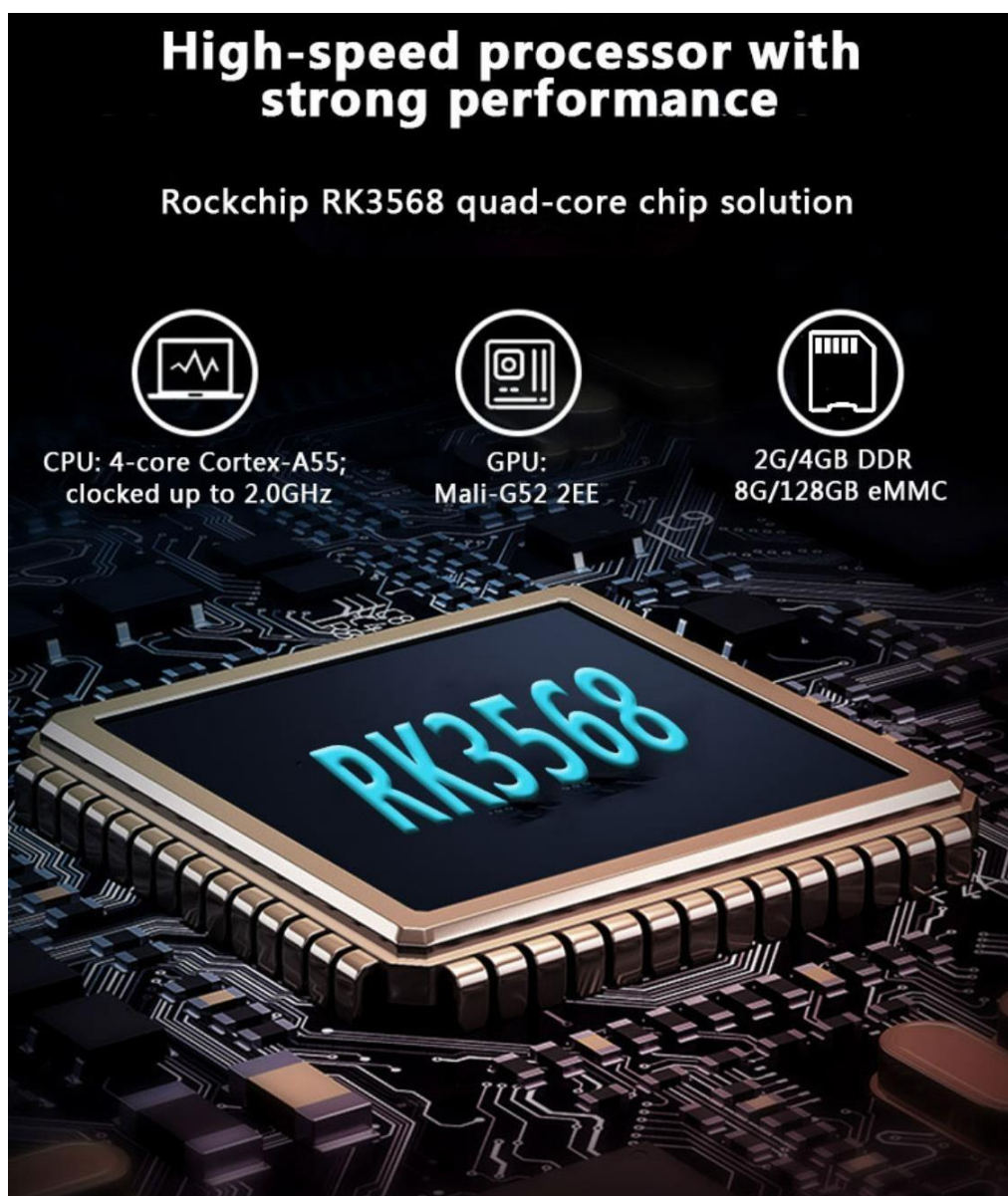
1 Overview

1.1 Introduction

Digi-Jupiter networked multimedia player **DJP-E680** employs the Rockchip RK3568 Quad-core Cortex-A55, 2.0GHz, having a strongest capacity of multimedia processing and rich peripheral interfaces. Besides, this player is able to run 4Kx2K 60fps files and **supports PoE feature(Power over Ethernet)**

1.2 Features

- HD/AV interfaces are provided for access of various displays with a resolution up 4K
- Supports LAN, WIFI , as well as standalone mode
- Both vertical and horizontal displays are supported
- High performance 4K OTT box solution
- Supports PoE feature(Power over Ethernet)



2 Profile





3 Specification

Hardware Configuration		
CPU	RK3568(Rockchip) CPU + 2.0G (64bit)	
GPU	ARM Mali-G52 2EE GPU	
Memory	4GB/8GB	
Flash	32GB/64GB	
WIFI&BT	2.4G/5G 802.11a/b/g/n/ac/ax 2T2R WiFi6	
WIFI Module(WiFi 6.0)	RTL8852BE	
ETHERNET	1000MBPS	
Remote Control	IR Remote	
I/O	1*HD	4Kx2K@60 max resolution output
	1*AV OUT	AV Out &3.5mm
	4*USB	1*USB 3.0 HOST & 1*USB 3.0 OTG & 2*USB 2.0
	Antenna	2*Extra Antennas
	Data Output	1*SPDIF
	OTG	USB
	Optical Output	Supported
	1*TF Card	TF Card
	Network	1*RJ45 1000M (Gigabit network)
Power	DC 5V/2.5A DC ADAPTER	
HDR	Supported	
RTC	Supported	
CEC	Supported	
Power over Ethernet(PoE)	Supported	
Media Parameter		
OS	Android 11	
Audio Container	MP3,AAC,WMA,RM,FLAC etc.	
Audio Out	MP3, AAC, WMA, RM, FLAC, Ogg and programmable 7.1/5.1	
	Built-in SPDIF/IEC958 output and PCM input/output	
	Built-in stereo audio DAC	
Video CODEC	H.265 HEVC/MVC Main10 Profile yuv420@L5.1 up to 4096x2304@60fps	
	H.264 AVC/MVC Main10 Profile yuv400/yuv420/yuv422/@L5.1 up to 4096x2304@60fps	
	VP9 Profile0/2 yuv420@L5.1 up to 4096x2304@60fps	
	VP8 verision2,up to 1920x1088@60fps	
	VC1 Simple Profile@low, medium, high levels, Main Profile@low, medium, high levels, Advanced Profile@level0~3,up to 1920x1088@60fps	
	MPEG-4 Simple Profile@L0~6,Advanced Simple Profile@L0~5,up to 1920x1088@60fps	
	MPEG-2 Main Profile, low, medium and high levels, up to 1920x1088@60fps	
	MPEG-1 Main Profile, low, medium and high levels, up to 1920x1088@60fps	
	H.263 Profile0,levels 10-70,up to 720x576@60fps	
Software Extension	Supports Google Play & APK install	
DLNA,Miracast Protocol	Supports DLNA,Miracast Protocol	
Language	English French German Spanish Italian etc multilateral languages	
Environment		
Operation Temperature	-10~70℃	
Storage Temperature	-20~80℃	
Humidity environment	5%-90%(No condensation)	



USB 3.0

SuperSpeed USB
Theoretical speed
up to **5Gbps**
(practical speed
up to 300MB/s)

VS



USB 2.0

High speed USB
Theoretical speed
up to **480Mbps**
(practical speed
up to 35/40MB/s)




Application Scenario



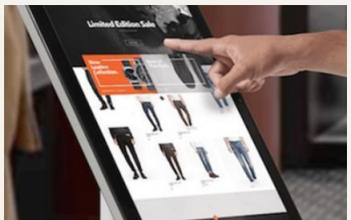
Digital Signage



Smart Self-service Terminal



New Retail Smart Terminal



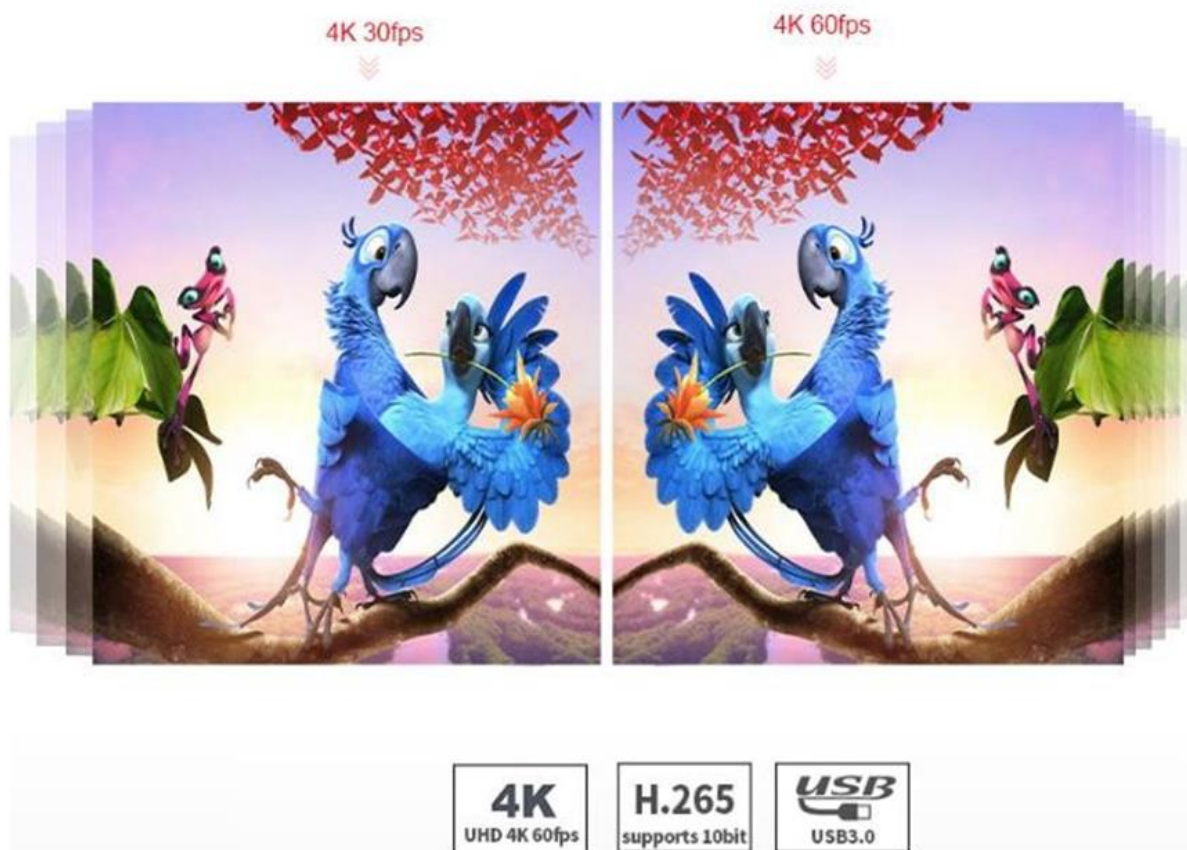
O2O Smart Device



Robot Equipment



AI Equipment



Product Customization Service

Appearance



Logo



Package



Color



Material

Hardware



CPU



RAM



ROM



Battery

Software



Android



API



Kernel



Framework

Function



POE



NFC



RFID



Camera