



DigiJupiter

DJP-S980

(8K 60fps/4K 120fps with PoE)

C O T E N T S

1 Overview3

1.1 Introduction.....3

1.2 Features.....3

2 Profile 4

3 Specification 7

Revision history

Revision	Revision date	Principle changes
V2.0	Nov. 2025	Create version V2.0

1 Overview

1.1 Introduction

Digi-Jupiter networked multimedia player **DJP-S980** employs the Amlogic S928X with 12nm 2.0G HZ · A big core ARM Cortex-A76 and Quad core ARM Cortex-A55 CPU, having a strongest capacity of multimedia processing and rich peripheral interfaces. Besides, this player is able to run **8K 60fps and 4K 120fps** files , supports **PoE** feature(Power over Ethernet) and Bluetooth 5.0 with LE technology

1.2 Features

- HD Output interface is provided for access of various displays with a **resolution up 8K 60fps and 4K 120fps**
- Supports LAN, WIFI 6 , as well as standalone mode
- Both vertical and horizontal displays are supported
- High performance 8K OTT box solution
- Supports Optional PoE feature(Power over Ethernet)
- Support TF card and Optical port



2 Profile





WiFi6

Wi-Fi 6 technology achieves faster speeds, greater capacity and reduced network congestion compared to the previous generation.

2.4G&5G



WiFi 6



3 Specification

Hardware Configuration		
CPU	Amlogic S928X with 12nm 2.0G HZ · A big core ARM Cortex-A76 and Quad core ARMCortex-A55CPU	
GPU	Mali G57 MC2	
HDR	HDR10,HDR10+,HLG	
RAM	LPDDR4 8GB	
Storage	256GB EMMC	
WIFI	802.11b/g/n/ac/ax(Wi-Fi6),Dual Band 2.4+5GHz,2T2R	
Bluetooth	Bluetooth 5.0 with LE technology	
Remote Control	IR Remote	
I/O	Video Output	HD 2.1a up to 8Kp60 HDR/4Kp60 Dolby Vision, experimental support for 120Hz (up to 4Kp120)
	Extended Storage	TF card
	USB	1*USB 3.0 & 1*USB 2.0
	Antennas	2 * external Wi-Fi antennas (detachable)
	Optical Output	1*SPDIF
	Composite Audio/Video	AV output and Optical output
	Network	RJ45 1000M Ethernet Supports POE
Power	5V 2.5A power adaptor	
Video Streaming	HTTP · RTSP	
Power over Ethernet(PoE)	Optional	
Media Parameter		
OS	Android 11	
Video Decoding	AV1 MP-10@L6.1 up to 8Kx4K@60fps	
	VP9 Profile-2@6.1 up to 8Kx4K@60fps	
	H.265 HEVC MP-10@L6.1 up to 8Kx4K@60fps	
	AVS3 Phase 1 up to 8Kx4K@60fps	
	AVS2-P2 Profile up to 8Kx4K@60fps	
	H.264 AVC HP@L5.1 up to 4Kx2K@30fps	
	MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496)	
	WMV/VC-1 SP/MP/AP up to 1080P@60fps	
	AVS-P16(AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps	
	MPEG-2 MP/HL up to 1080P@60fps (ISO-13818)	
MPEG-1 MP/HL up to 1080P@60fps (ISO-11172)		

	Multiple language and multiple format sub-title video support
	MJPEG and JPEG unlimited pixel resolution decoding (ISO/IEC-10918)
	Supports JPEG thumbnail, scaling, rotation and transition effects
Audio Container	Supports MP3,AAC,WMA,RM,FLAC,Ogg Vorbis, Opus, SRS Truvolume, Dolby Audio Optional, DTS Optional and programmable with 7.1/5.1 down-mixing
Audio Out	Built-in serial digital audio SPDIF/IEC958 output and PCM input/output
	Built-in stereo audio DAC
	Stereo digital microphone PDM input
	Support concurrent dual audio stereo channel output with combination of analog + PCMor I2S+PCM
Environment	
Operation Temperature	-10~80℃
Storage Temperature	-20~80℃
Humidity environment	5%-90%(No condensation)
Overall Power Consumption	<5W
Standby Power Consumption	<0.02W

APPLICATION



Facial
Recognitin



Boarding
System



Interactive
Kiosk



Hotel Identity
Vrfication



Self-service
Retail



Interactive
all-in-one machine



Only conference
system



Naked eye
3D machine



Digital signage
kiosk



Cash register



Vending
machine



Smart calling
machine



AI artificial
intelligence



KTV jukebox



Internet media
player

TRUE NEXT-GENERATION FULL-FORMAT SOURCE CODE TRANSMISSION

Supports Dolby audio (Dolby Atmos, Dolby tureHD, Dolby digital plus), DTS-X, DTS-HD full-format source code output, and supports lossless transmission of two immersive three-dimensional spatial sound effects, Dolby Atmos and DTS:X

 Dolby Atmos

 Dolby DIGITAL PLUS

 Dolby TRUEHD

 dts x



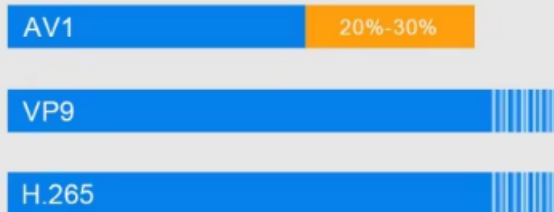
8K

RESOLUTION ON BOARD

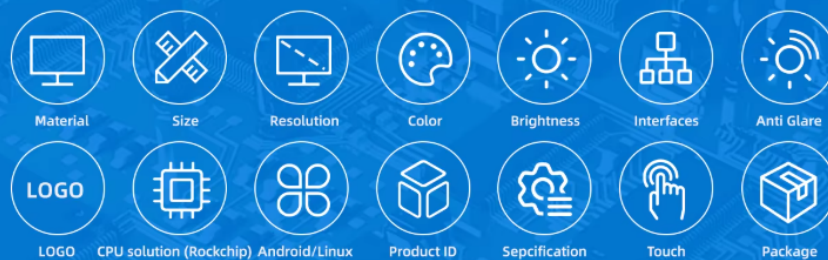




AV1 save 30% more bandwidth efficiency than H.265 or VP9



Personalized Customization



Module customization

