



DigiJupiter

DJP-E970

(8K Android AI player with PoE)

C O T E N T S

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Revision history

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

1 Overview

1.1 Introduction

Digi-Jupiter networked multimedia player **DJP-E970** employs the **Rockchip RK3576** Quad-core Cortex-A76 2.2GHz and Quad core ARMCortex-A53 1.8GHz, having a strongest capacity of multimedia processing and rich peripheral interfaces. Besides, this player is able to run **8K and 4K 120fps** files , supports **PoE** feature(Power over Ethernet) and **6TOPS NPU For AI applications**.

1.2 Features

- HD Output interface is provided for access of various displays with a **resolution up 8K and 4K 120fps**
- Supports LAN, WIFI , 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
- Support RS232



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	Rockchip RK3576 Quad-Core Cortex-A76 2.2 GHz and Quad core ARM Cortex-A53 1.8GHz	
GPU	ARM Mali G52 MC3@1GHz	
NPU	6TOPS	
RAM	LPDDR4 4GB/8GB/16GB	
Storage	64 GB 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	Up to 8K and 4K@120Hz
	Extended Storage	TF card
	USB	2USB 3.0 & 2USB 2.0
	Antennas	2 * external Wi-Fi antennas (detachable)
	Optical Output	1*SPDIF
	Composite Audio	Headphone jack output and Optical output
	RS232	1*RS232
	Network	1*RJ45 1000M Ethernet Supports POE (IEEE802.3af 15 watts)
Power	12V 2A power adaptor	
Audio Out	Support	
Power over Ethernet(PoE)	Optional	
Media Parameter		
OS	Android 14	
Video Decoding	AV1 MP-10@L6.0 up to 8K@30fps or 4K@120fps	
	AVS2-P2 Profile@L8.2.120 up to 8K@30fps or 4K@120fps	
	VP9 Profile-2@L6.0 up to 8K@30fps or 4K@120fps	
	H.265 HEVC MP-10@L6.0 up to 8K@30fps or 4K@120fps	
	H.264 AVC HP@L5.2 up to 4K@60fps	
	H264 MVC is up to 4K@60fps	
Video Encoder	H.265 HEVC MP-10@L5.1 up to 4K@60fps	
	H.264 AVC HP@L5.2 up to 4K@60fps	
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
Vrifcation



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



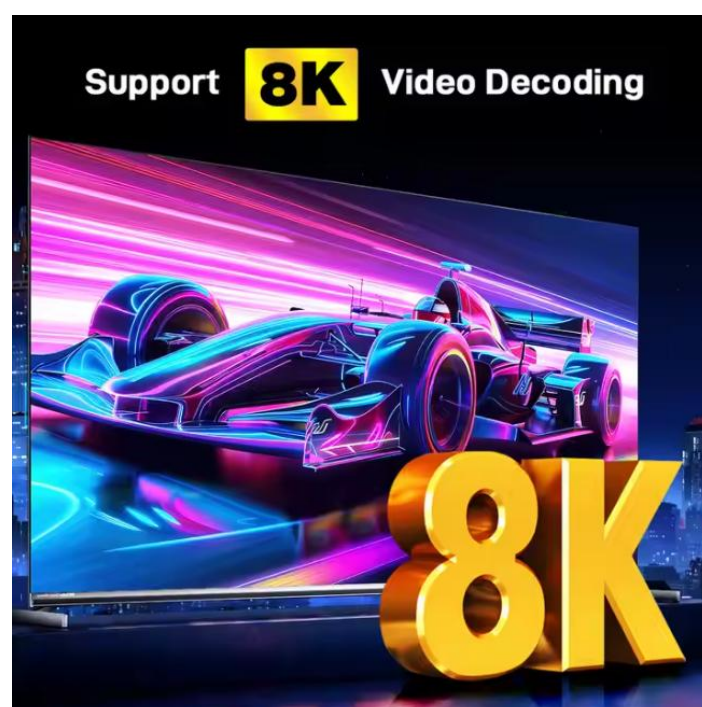
AI artificial
intelligence



KTV jukebox

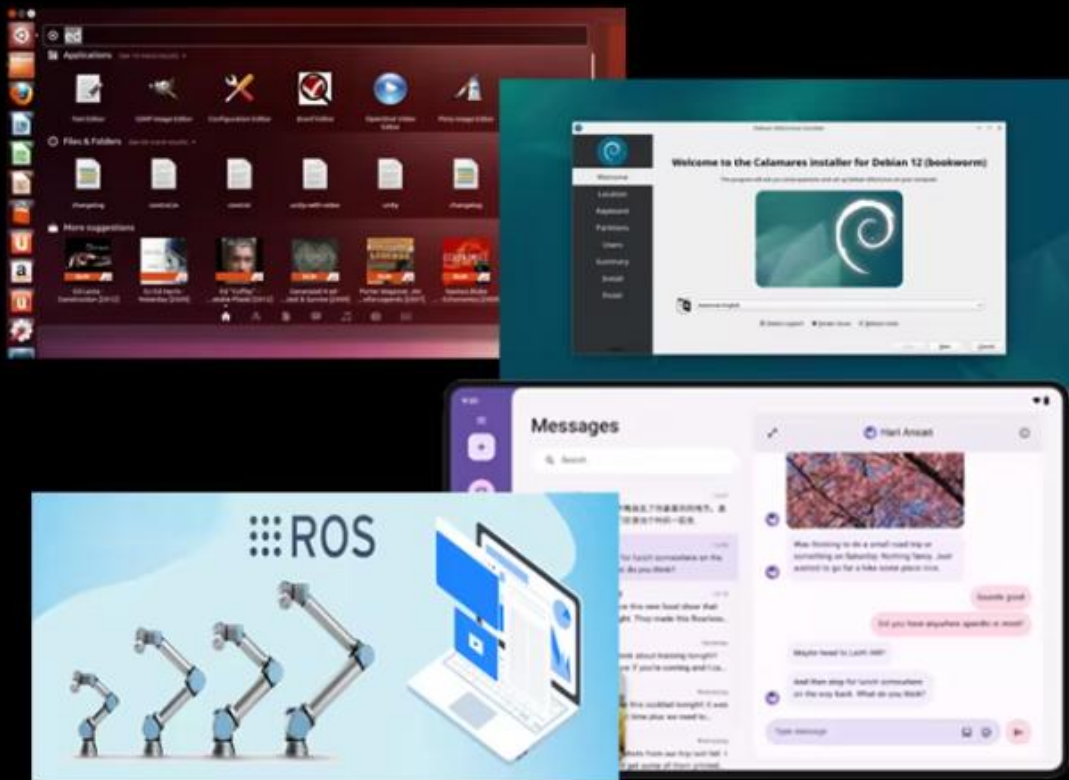


Internet media
player



Plug and Play, support a variety of operating systems

Easily handle multiple development scenarios



Personalized Customization



Material



Size



Resolution



Color



Brightness



Interfaces



Anti Glare



LOGO



CPU solution (Rockchip)



Android/Linux



Product ID



Sepcification



Touch



Package

Module customization



4G network



Camera



IC module



ID module



Telephone Handset



Fingerprint Collector



Printer



Card Reader



Microphone



GPS Positioning



Card swiper



Scanning Module



Light sensor



Relay ID Card Swiper