



DigiJupiter

Digital Signage Player
DJP-E20S

C O T E N T S

1	Overview.....	2
1.1	Introduction	3
1.2	Features.....	3
2	Profile	5
2.1	Profile	5
2.2	Interfaces.....	6
3	Specification.....	7

Revision history

Revision	Revision date	Principle changes
V1.0	Oct. 2017	Create based on E20S V1.0

Copyright © 2017 Digi-Jupiter TECH Co., Ltd. All rights reserved.

1 Overview

1.1 Introduction

Digi-Jupiter networked multimedia player **DJP-E20S** employs the **Rockchip quad core RK3288**, having a strong capacity of multimedia processing and rich peripheral interfaces. **Besides, this player is able to run 4K files**

1.2 Features

- 28nm-process made main chipset is high-performance and low-power
- HDMI/AV interfaces are provided for access of various displays with a resolution up to 4K
- Support LAN, WIFI , as well as standalone mode
- Auto timed on/off in multiple periods enables unattended operation
- Both vertical and horizontal displays are supported
- Support multi-touch screens



RK3288

- Quad-core Cortex-A17 up to 1.8GHz
- Mali-T764 GPU
- Dual-channel DDR3/DDR3L/LPDDR2/LPDDR3
- 4K UHD H265/H264
- BT.2020/BT.709
- H264 encoder
- TS in/CSA 2.0
- USB 2.0



2 Profile

2.1 Profile



Dimensions: L44 mm×W37.5 mm×H37mm



2.2 Interfaces

■ Front View



Interface	Description
USB1/USB2/USB3/USB4	Connects to USB devices
TF Card	Connects to TF cards
LED Indicator	Indicates the power state(option)
IR Sensor	Receives commands from the remote control(option)
Optical	Audio output

■ Rear View

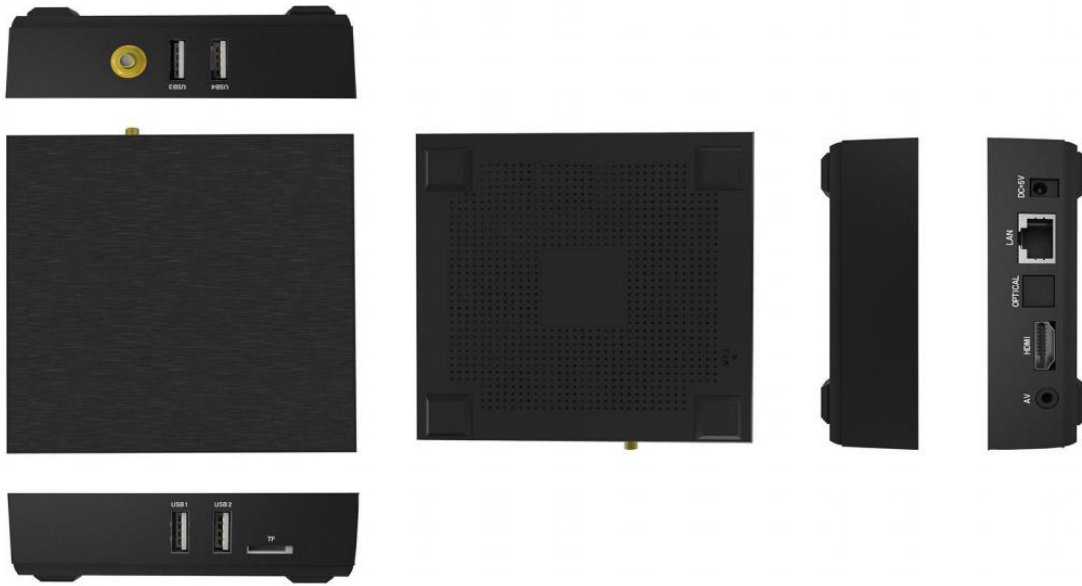


Interface	Description
DC 5V	Connects to +5V DC power
AV	Outputs AV signal
HDMI	Sends audio and video signals over a single HDMI cable
LAN	Connects to 10M/100M/1000M adapter Ethernet
WiFi	Connects to a WIFI antenna of 2.4G

3

Specification

Hardware Configuration	
Board	Rockchip RK3288 + ARM Quad Cortex A17 1.8 GHz CPU + ARM Quad Mali-t764 MP GPU + HYNIX/SAMSUNG DDR3 2Gbyte + HYNIX/SAMSUNG NAND FLASH 8GB (16GB, 32GB Option)
Resolution	Max up to 4K 60fps
Features	
OS	Android 5.1
Media Formats	
Multi Media	4K 10bits VP9/H265/H264 video decoders, up to 60fps 1080P other video decoders (VC-1, MPEG-1/2/4, VP8) 1080P video encoder for H.264 and VP8 Video post processor: de-interlace, de-noise, enhancement for edge/detail/color
Media Formats	Decode: H.264 (Baseline / Main Profile, ~ L4.1), X264, H263, MPGE1 / MPEG2 (MP / HL), MPEG4 (SP/ ASP), DIVX3 / 4/5, XVID (SD / HD) / H. 263, VP6 / 8, WMV7 / 9, RM, RMVB (8/9/10) Video format -MKV, MOV (H.264), MP4, AVI, WMV, MPEG, VOB, TS / TP, MTS, M4V, MPG, RM, RMVB Audio format -MP3, WMA, OGG, AC3, FLAC, WAV Image format -JPG, JPEG, BMP, PNG, GIF
Interfaces	
Power Supply	×1
Video Outputs	HDMI×1 AV x1
LAN	×1, 10/100/1000M Ethernet
WiFi	×1, WIFI(802.11bgn)
USB2.0	USB OTG×1 (can be used as HOST) USB HOST×3
IR	×1
TF Card Slot	×1
Audio	Optical x1
Other Features	
RTC	Real Time Clock for time synchronization
Watch Dog	WDT circuit included for auto recovery from failure
Electrical Parameter	
Input Power	5V---2A DC
Dimensions	
Dimensions	L44 mm×W37.5 mm×H37mm



www.digjupiter.com