Multimedia Player WP-99

WP Series

⬊ INTRODUCTION

WP99 is a carefully built LCD artificial intelligence playback box, using Rockchip RK3399 (dual Cortex-A72 large core + four Cortex-A53 small core) six-core 64-bit super powerful CPU, equipped with Android 10.0 system, with a main frequency of up to 1.8 GHz. It uses Mali-T864 GPU and supports 4K and H.265 hard decoding.

It supports infrared remote control, Wi-Fi, RJ45 and other rich interfaces, making the product more versatile and widely used in advertising machines, interactive all-in-one machines, security, medical, transportation, finance, industrial control and other intelligent control fields, which can accelerate Product development cycle. Due to its hardware platform and Android intelligent characteristics, it can be used on the smart terminal motherboard when human-computer interaction or network device interaction is required, making it your best choice.
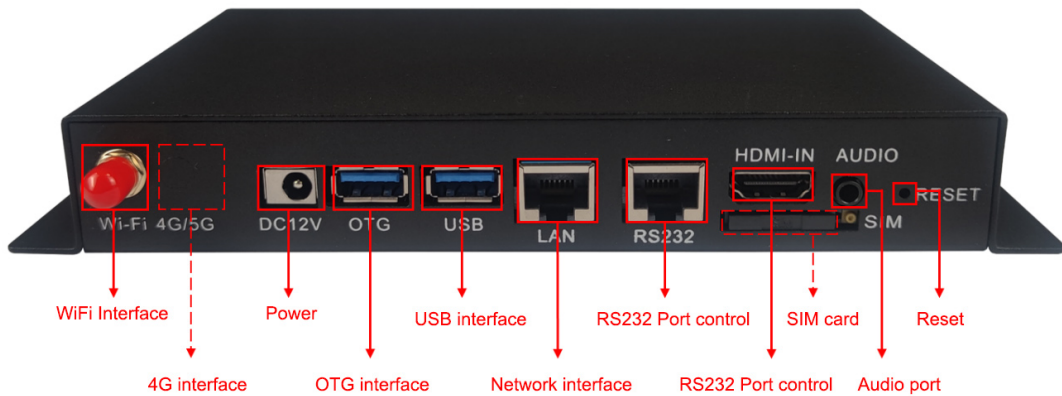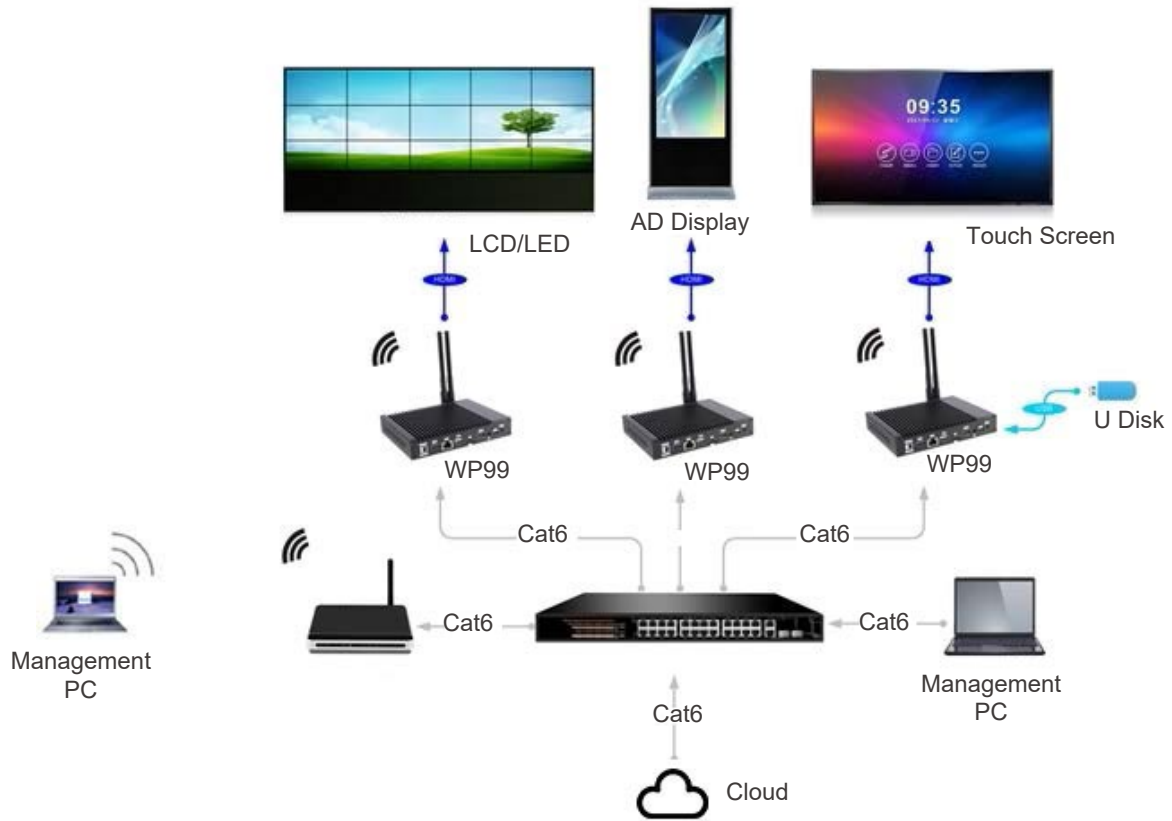
⬊ FEATURES

- **High performance:** It adopts dual Cortex-A72+quad Cortex-A53 large and small core CPU structure, with a main frequency of up to 1.8GHz. It can play high-definition videos in various formats and handle complex interactive operations.
- **High stability:** In terms of hardware and software, unique technology is added to ensure the stability of the product, making the final product unattended 7*24 hours.
- **High integration:** The control panel integrates Ethernet, Wi-Fi, power amplifier, TF expansion card, USB expansion port, HDMI and other functions, which greatly simplifies the installation of the whole machine.
- **High definition:** Supports HDMI high-definition digital interface, directly connected to LCD display, supports cropped screens of various sizes and resolutions.

WP Series

iSEMC

DIAGRAM

LCD/LED
AD Display
Touch Screen

U Disk

WP99
WP99
WP99

Cat6
Cat6

Management
PC

Cat6
Cat6

Management
PC

Cat6

Cloud

IR
HDMI-OUT

Infrared remote control reception
HDMI output

Wi-Fi 4G/5G
DC12V OTG USB
LAN
RS232
HDMI-IN AUDIO
RESET
SIM

WiFi Interface
Power
USB interface
RS232 Port control
SIM card
Reset

4G interface
OTG interface
Network interface
RS232 Port control
Audio port

◥ SPECIFICATIONS

1. Hardware

Specifications	
CPU	RK3399 Up To 64-Bit High-Performance CPU With a Main Frequency Of Up To 1.8 GHz
GPU	Quad-Core ARM Mali-T864 High-Performance GPU
RAM	DDR3, 2GB, 4GB(Optional)
Built-in Storage Capacity	EMMC 16GB (32/64 GB) TF Card Expansion (Can Be Used to Expand SSD)
Connection	Adaptive 100M/1000M Ethernet;Support 2.4G/5G Wi-Fi, support Wi-Fi 802.11b/g/n protocol; Built-in WCDMA, EVDO, 4G full network, supports voice calls.
Image Rotation	Support 0 Degree, 90 Degree, 180 Degree, 270 Degree Manual Rotation
Display Interface	1 HDMI, Support 4K video output
Audio	Support Standard Left & right channel line Output
RTC	Built-in real-time clock function
USB	1 USB-3.0, 1 USB/OTG (3.0) freely switchable
LED	1*Power Status LEd(Green),1*System LEd(Green Blinking In Default)
Button	1 * Recovery button
Power Adapter	Input: Ac100-240V.50-60Hz, Output: Dc12V 1.5A (Requires That The Surge Voltage Is Less Than 18V And The Ripple Voltage Is Less Than 100Mv)
Storage Humid	10%～90% RH
Storage Temp	-40℃~70℃
Work Temp	-20℃~70℃

2. Software

Specifications	
Operating system	Android 10.0
Audio	MP3,WMA,WAV, APE, FLAC, AAC, OGG,M4A,3GPP, ETC.
Video	Support AVI (H.264, DIVX, DIVX, XVID), rm, rmvb, MKV (H.264, DIVX, DIVX, XVID), WMV, MOV, MP4 (.H.264, MPEG, DIVX, XVID), DAT (VCD format), VOB (DVD format), PMP, MPEG, .MPG,, FLV (H.263, H.264), ASF, TS, TP, 3GP, MPG And More Than 30 Formats
Image	Support Various Picture Formats Such As JPG, BMP, PNG
System Comes With Application Software	APK Installer, Email, Calculator, Browser, Recorder, Calendar, Settings, Clock, Video Player, Search, Contacts, Gallery, Download, Camera, Music, Explorer, ETC
Language	Support Multi-Language
Typewriting	Standard Android Keyboard, Optional Third-Party Input Method
System Management	The Original Ecological Android System, Open Root Permissions, Can Be Customized Product Development
	Real-Time Remote Monitoring, Self-Recovery Of System Crash, 7 * 24 Hours Unattended
	Support OTA remote upgrade; support U-disk upgrade
	Support boot animation definition
	Support server / standalone mode switch
	Support Wi-Fi Hotspot
System Watchdog	Support Software Watchdog