

# QDSP-1600

Extended Temperature Fanless Mini Media Player  
with ARM® Cortex®-A53 Based Processor, Rockchip RK3368



- Rockchip RK3368 64-bit Octa Core ARM® Cortex®-A53 @1.5GHz
- 2GB / 4GB DDR3 memory
- 8GB / 16GB / 32GB NAND Flash, 1x TF Card for storage
- 1x HDMI2.0 (4K support) for video output
- 1x LAN, Wi-Fi, Bluetooth for network connection
- 3x USB2.0, 1x USB OTG for peripheral connection
- IR remote control
- Ultra-mini size
- Android based media player
- Extended operating temperature range: -25°C ~ 70°C



## Product Overview

QDSP-1600 is an ARM and Android based fanless mini media player designed for digital signage. It has a HDMI2.0 port to supports 4K Ultra HD video output. With built-in Wi-Fi, Bluetooth technology and IR receiver, it enables wireless connection to streaming content, data transfer and flexible / fast content control. What is more important is that it is plug-and-play and budget-friendly.

Small shops and individual entrepreneurs can use it to replace traditional signs and electronic billboards at an affordable rate. Also, users can immediately use it without complicated setup maneuvers. Ventless aluminum chassis with extended temperature support also makes it ideal for DOOH (Digital Out-of-Home) application.

## Technical Information

CPU Support
Rockchip RK3368 64-bit Octa Core ARM Cortex-A53 @1.5GHz
Memory
2GB DDR3 memory (default)
4GB DDR3 memory (optional)
Graphic Controller
PowerVR SGX6110 GPU up to 600MHz
Display Interfaces
1x HDMI2.0 (on rear, 4096 x 2304 @ 60Hz)
Audio Interfaces
1x Line-out/Mic-in (on rear)
Ethernet
1x LAN (RJ-45 on rear)
Wireless
Wi-Fi (IEEE 802.11 b/g/n)
Bluetooth (V2.1+EDR/Bluetooth 3.0/3.0+HS/4.0)
3G / 4G (optional)
GPS (optional)
USB
3x USB2.0 (Type A on rear)
1x USB OTG (Micro-USB on rear)
Storage
8GB NAND Flash (default)
16GB / 32GB NAND Flash (optional)
1x TF Card Slot (on rear, support up to 64GB)

Power Supply
Connector: DC Jack (on rear)
Input Voltage: DC 12V / 1A
Power Adapter: AC to DC, 100V ~ 240V
System Control & Monitoring
1x Power Button (on top)
1x Power LED (on front)
1x IR Receiver (on front)
Cooling
Fanless
OS
Android 5.1 Lollipop
Construction
Aluminum Chassis
Dimensions (W x D x H)
167.5 x 120 x 26.5 mm / 6.59" x 4.72" x 1.04"
Weight
200 g / 0.44 lb
Environmental Characteristics
Operation Temp.: -25°C ~ 70°C / -13°F ~ 158°F
Storage Temp.: -25°C ~ 80°C / -13°F ~ 176°F
Humidity: 10% ~ 90%
Mounting
VESA Mount (100 x 100 mm)
Security
1x Kensington Security Slot (on rear)
Certification
CE, FCC Class A

## QDSP-1600 I/Os

