

# 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

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

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

## QDSP-1600 I/Os

