PRODUCT INFORMATION

R818 Core Board CB-F

Quad-core Cortex-A53 | Network port and MIPI camera input



CORE FEATURES

Allwinner R818
Quad-core Cortex-A53
1.6 GHz processor

4K video decoding
H.265 at 30 FPS

Three display interfaces
LVDS, RGB and MIPI

Technical specifications

Processor	Allwinner R818
CPU	Quad-core Cortex-A53, 1.6 GHz
Video decoding	H.265: 4K at 30 FPS
Video encoding	H.264: 1080p at 60 FPS
Display outputs	LVDS, RGB, MIPI
Connectivity / input	Network port; MIPI camera input
Operating temperature	-20 to +70 °C (commercial grade, as stated by source)
Board connection	155-pin castellated (stamp-hole) connection

Applications

Commercial displays, medical equipment, smart terminals, smart furniture and mobile robots.