

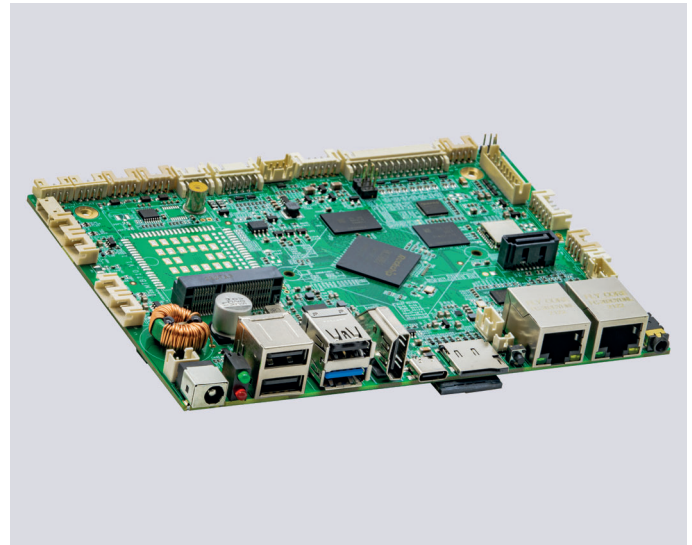
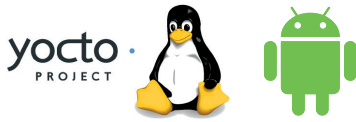


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MICROPROCESSOR ARCHITECTURE

Rockchip RK3568 0012480





This **Single Board Computer Solution** is designed to offer high performance for applications with graphic requirements.



APPLICATIONS


 Ho.Re.Ca	 Transportation	 Aerospace	 Industrial
 Naval	 Medical	 Robotics	 Digital Signage
 Automotive	 Household appliances		

MAIN FEATURES


	CPU RockChip ARM RK3568 Cortex-A55 quad core 2.0 GHz
	MASS STORAGE 16 GB eMMC / micro-SD slot
	RAM LPDDR4 2-4GB
	CONNECTIVITY 2x GB Ethernet / WiFi / Bluetooth 4.2

 **OPERATING SYSTEM**
Linux Yocto / Debian / Android 13

 **GRAPHICS**
Mali-G52

 **VIDEO**
LVDS interface up to 1920x1080
(FHD) MIPI-DSI up to 1920x1080
(FHD) HDMI up to 3840x2160 (4k)

 **USB**
3 USB 2.0 + 1 OTG
+ 1 USB 3.0

 **INTERFACES**
1xI2C, 1xSPI, 2xCAN 1xSATA,
1xUART, 4xRS485, Mini Pci
Express, Micro sim slot

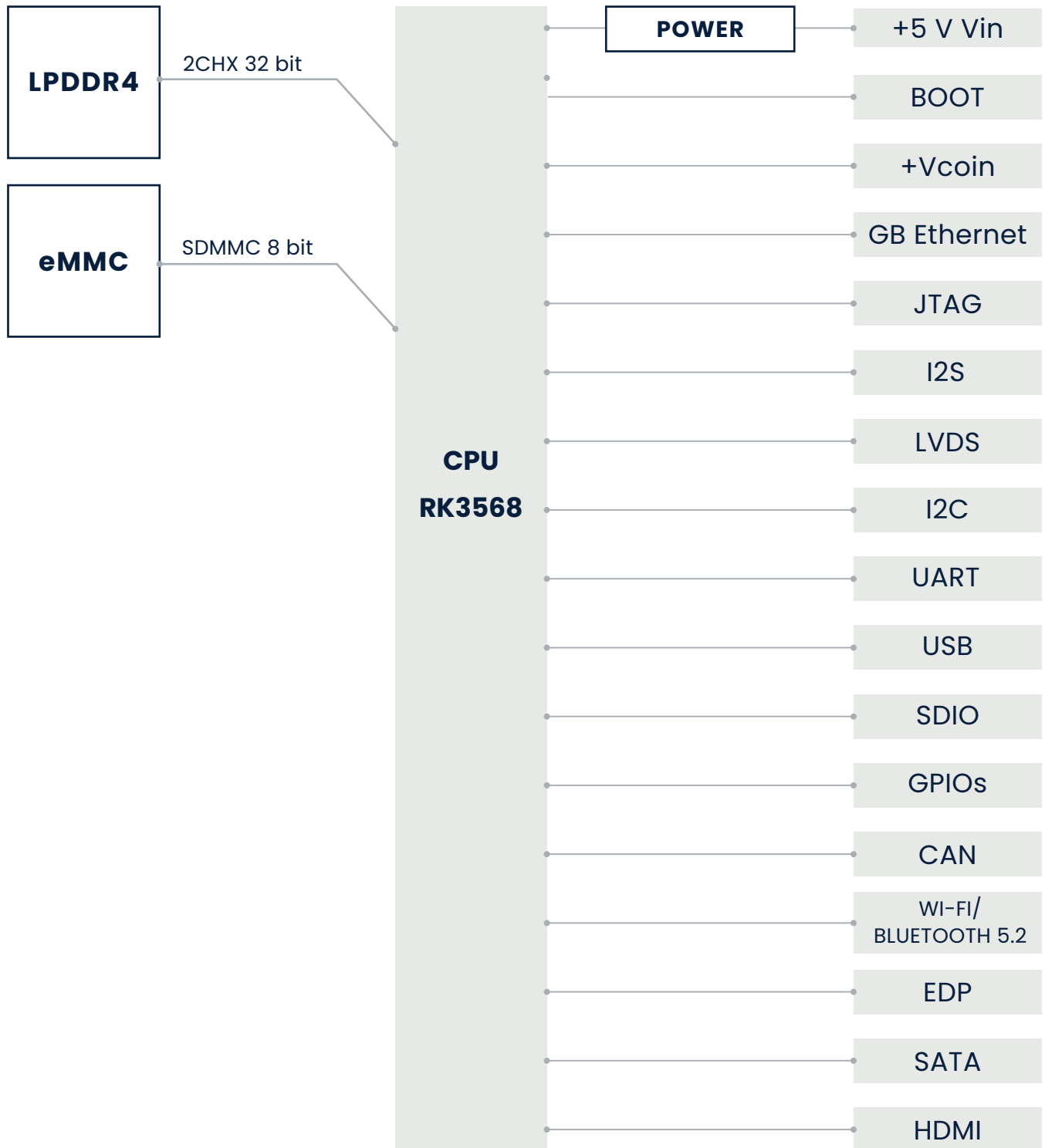
 **I/O**
12 GPIO + 1xPWM

 **POWER SUPPLY**
12Vdc Available voltages on
board: 3,3Vdc, 5Vdc, 12Vdc.



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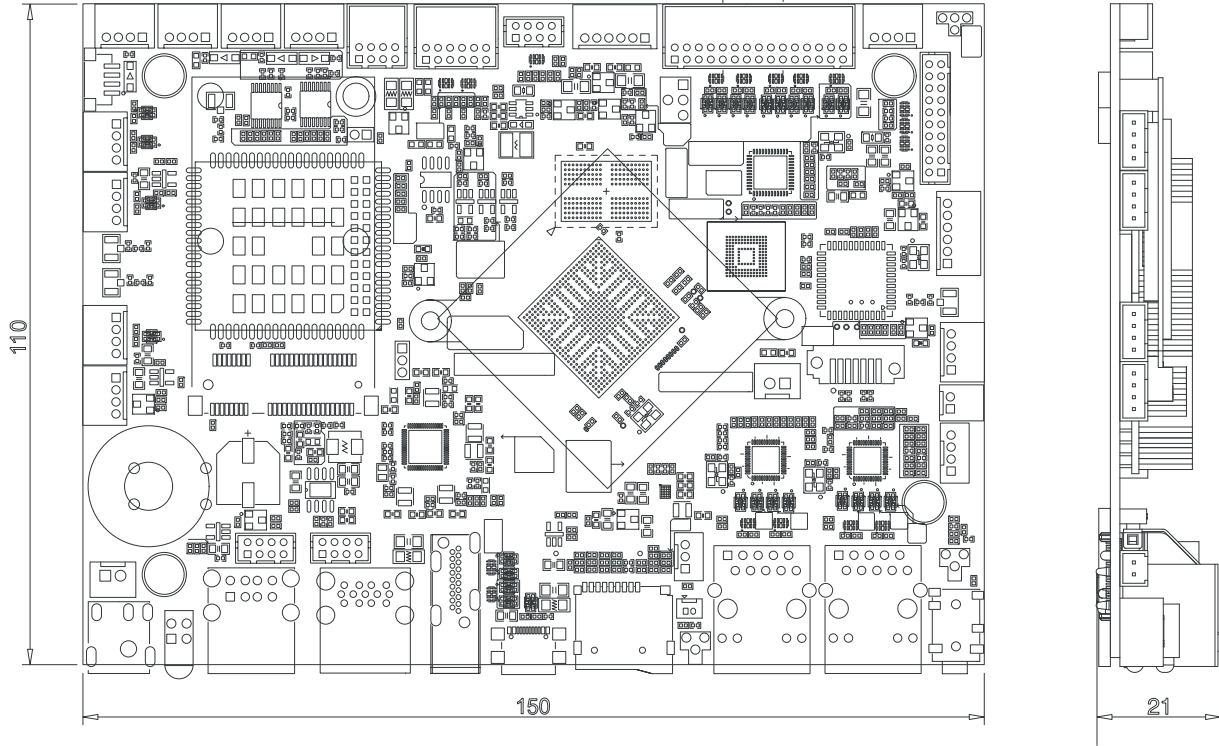
Block Diagram Arm Cortex **Cpu RK3568**





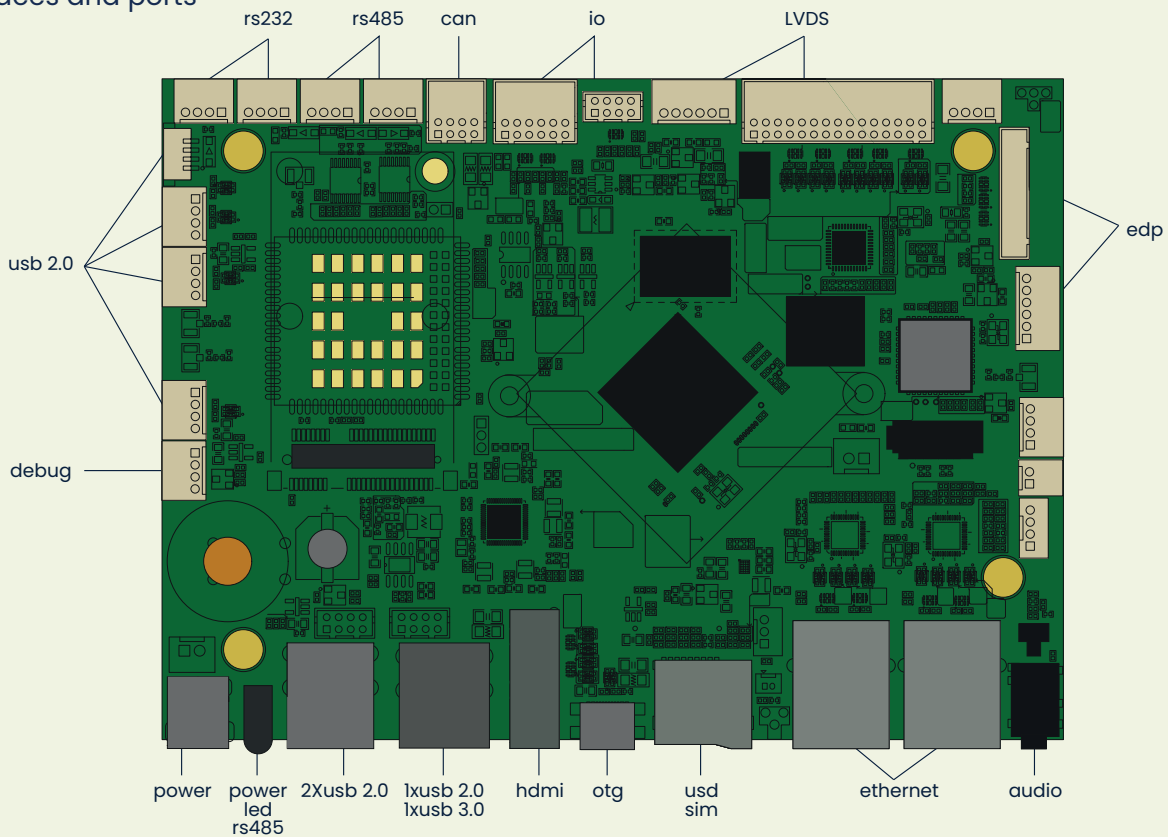
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Dimensions



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Interfaces and ports



**Get in touch
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