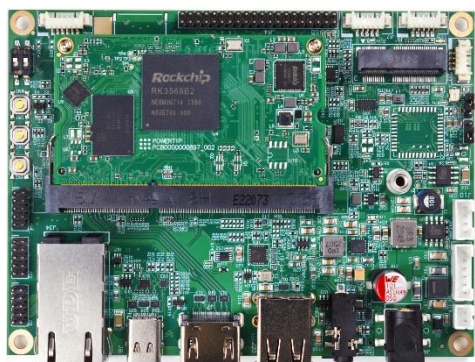


P05D00091-04

Rockchip RK3568

Front View



Features

- The Quad-core Cortex-A55 delivers efficient and dependable computing
- Ideal for industrial, medical, kiosk, PoS, multimedia, and AIoT solutions
- Supports HDMI 2.0, LVDS/MIPI-DSI, Parallel RGB, and MIPI-DSI for versatile display connectivity

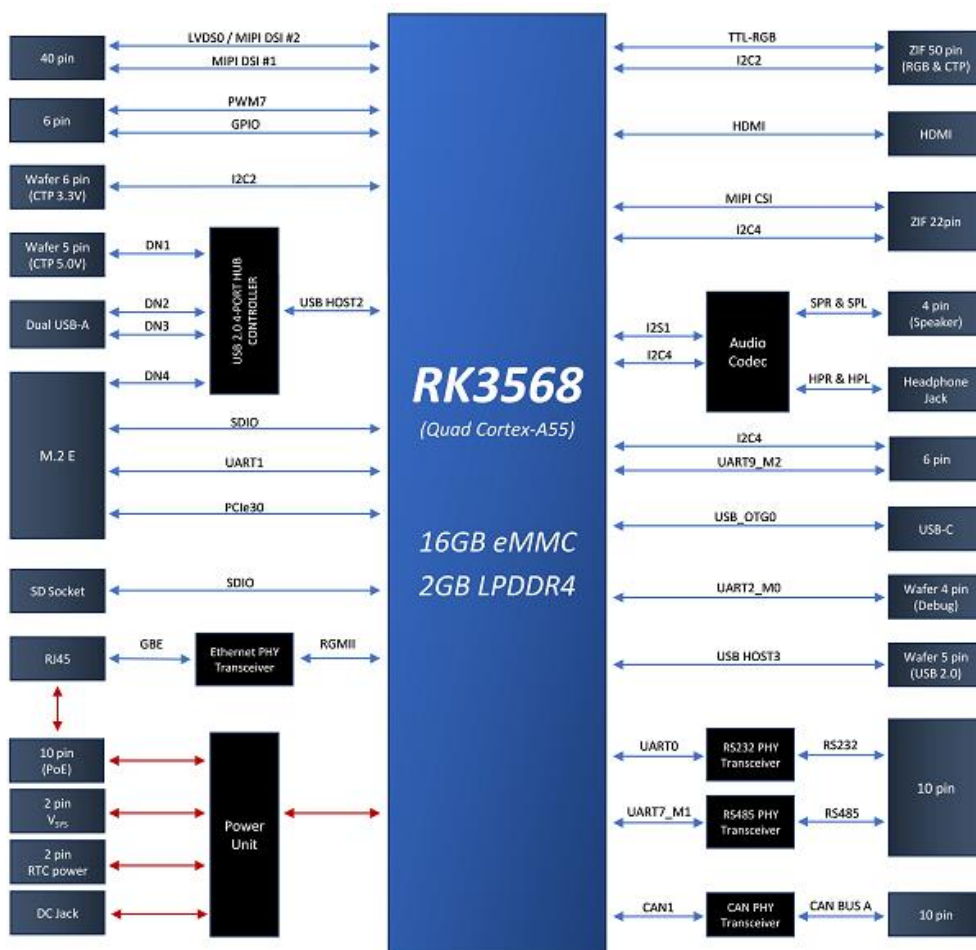
Specifications

Hardware		
CPU	RK3568	Quad-Core ARM Cortex-A55
Memory	On Board RAM	2GB LPDDR4 SDRAM
	On Board Flash	16GB eMMC Flash
	External Storage	1 x Micro SD Card Slot
Display	Interface	1 x MIPI-DSI #1 1 x 24 bits Parallel RGB 1 x LVDS (or MIPI-DSI #2) 1 x HDMI 2.0
Camera	Interface	1 x MIPI CSI
I/O	USB	1 x USB 2.0 OTG 2 x USB 2.0 Host
	Ethernet	10/100/1000 Mbps

	Audio	1 × Headphone Jack 1 × Speaker Connector
	Serial	2 × UART (One for Debug Used) 1 × RS232 1 × RS485 2 × I ² C 1 × CAN
	Others	M.2 E-key
Power Input	DC	9V ~ 24V

Software		
OS	Default	Yocto 4.0
	Optional	Buildroot, Debian 11, Android 11, Android 12

Block Diagram



Dimensions

