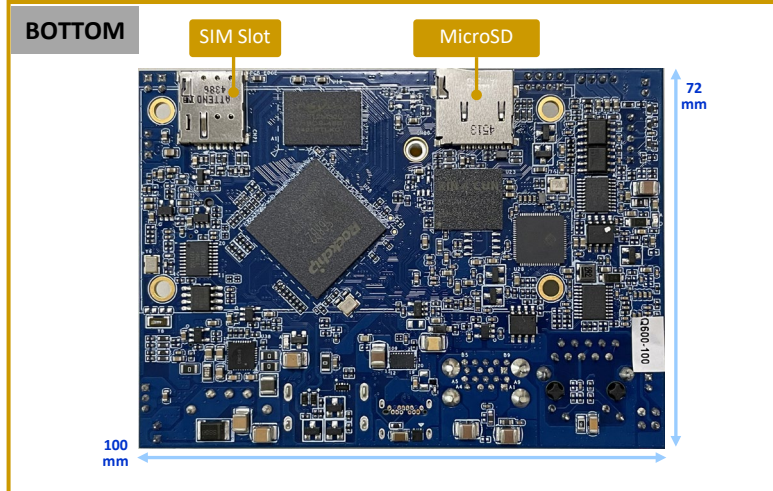
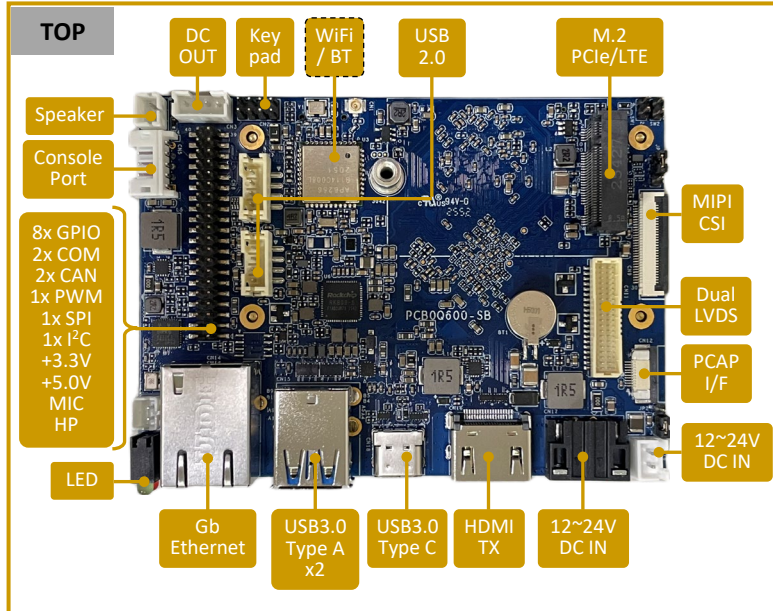


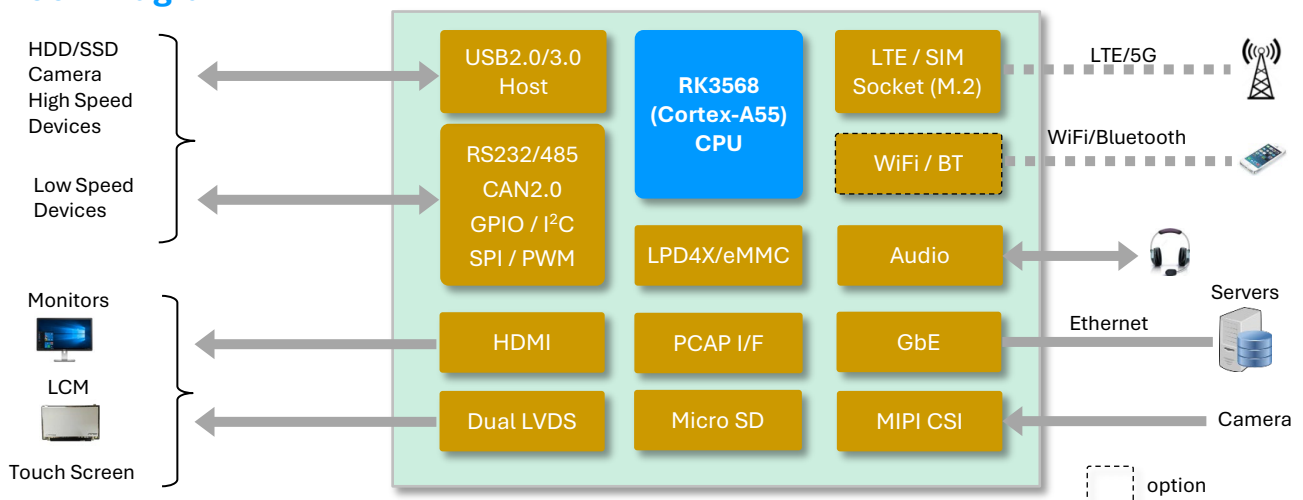
SBC3600/EC3600 (ARM Cortex-A55)

Specifications:

- Pico-ITX size (100mm x72mm)
- Quad (64-bit) ARM Cortex-A55 (RK3568)
- 2GB LPDDR4X / 32GB eMMC (and higher)
- OS: Debian / Yocto / Android
- Dual LVDS (or MIPI-DSI) display Interface
- Capacitive touch screen interface (I²C)
- 1x HDMI2.0-TX (up to 4K@60fps)
- Audio (MIC/HP/ Speaker) ports
- 1x Gb Ethernet port
- 2x USB3.0 (Type A) / 2x USB2.0 (Pin Header)
- 1x USB3.0 Type C (**No ALT mode**)
- 1x microSD slot
- 1x MIPI-CSI RX (4-lane)
- 1x M.2 (PCIe) for LTE (with SIM slot)
- 2x RS232 (or RS485) port / 1x I²C
- 8x GPIO / 2x CAN2.0B / 1x PWM / 1x SPI
- +12V to +28V DC Input
- Wide Temp Range (-20°C to 70°C)
- Support DIN Rail Mounting (EC3600)



Block Diagram:



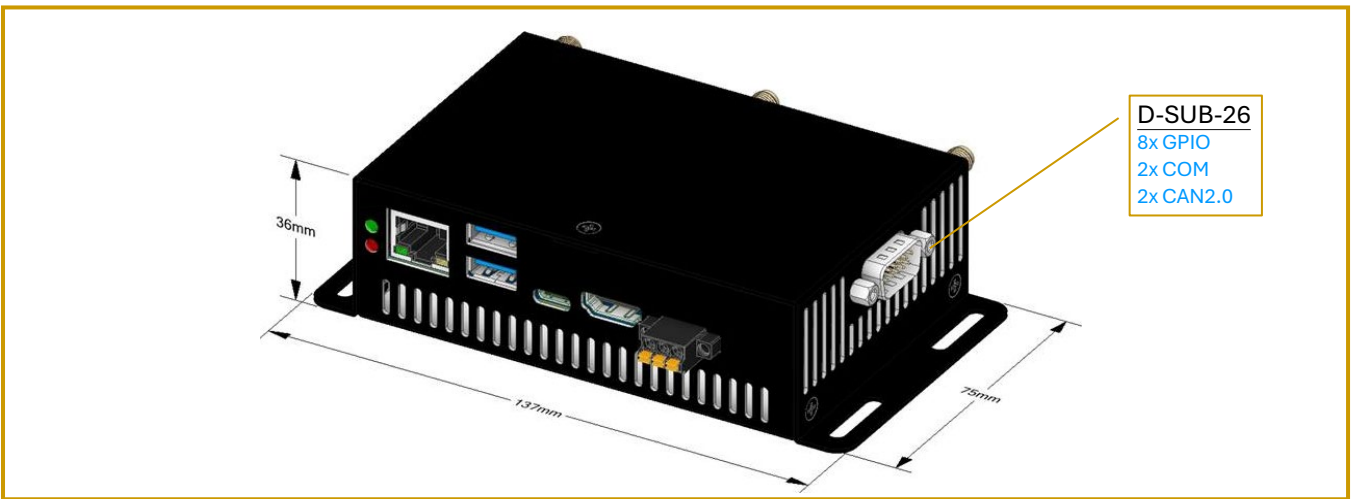
SBC3600/EC3600 (ARM Cortex-A55)

EC3600 Overview

The EC3600 is a compact size embedded computer based on the SBC3600. The light-weight aluminum enclosure enables users to rapidly deploy it in a wide range of applications. The EC3600 can be mounted on a DIN rail.

EC3600 Brief Specifications

CPU /RAM /eMMC	RK3568J / 2GB DDR / 32GB eMMC	I/O Connectors	8x GPIO / 2x RS232 (or RS485)
Display	HDMI-TX		2x CAN2.0B / 1x MicroSD
Power Input	+12V to +28V DC		2x USB 3.0 Type-A / 1x USB 3.0 Type-C
Environment	Operating temperature: -20°C to 70°C		1x Gb Ethernet (RJ45)
Dimension	75 x 137 x 36 mm		1x SIM slot / 1x antenna



SBC3600 Ordering Information

Part No.	OS	WiFi / BT	Common Specifications
SBC3600-D	Debian	---	R3568J CPU / 2GB LPDDR4X / 32GB eMMC LVDS / Touch (I ² C) IF / HDMI / Audio / microSD GPIO / RS232 (or RS485) / CAN2.0 / PWM / I2C / SPI USB3.0 Host/ USB Type-C / USB2.0 Host / 1x GbE M.2/LTE Socket / SIM slot / RTC / MIPI-CSI
SBC3600-A	Android		
SBC3600-D-WB	Debian	YES	
SBC3600-A-WB	Android		

EC3600 Ordering Information

Part No.	OS	WiFi / BT	Common Specifications
EC3600-D	Debian	---	R3568J CPU / 2GB LPDDR4X / 32GB eMMC HDMI / Audio / microSD GPIO / RS232 (or RS485) / CAN2.0 / PWM / I2C / SPI USB3.0 Host/ USB Type-C / 1x GbE M.2/LTE Socket / SIM slot / RTC / Aluminum enclosure
EC3600-A	Android		
EC3600-D-WB	Debian	YES	
EC3600-A-WB	Android		

Optional Products

Part No.	Description
PWR-008-SBC33	Power Adapter (+12V) + power cord
S76GH-M2	LTE module SIM7600G-H (Global Bands)

Part No.	Description
WLS-009	(802.11ac WiFi 5+BT5)+ RF cable + Antenna
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