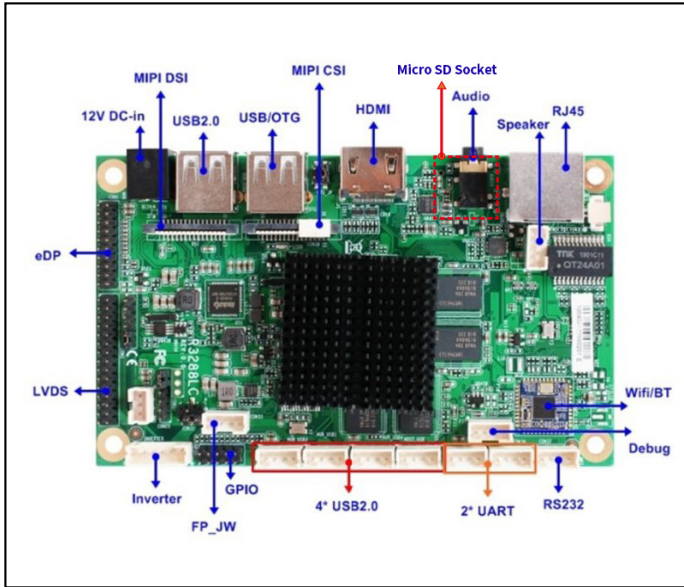


JR3288LC-2NA



Special

Rockchip® ARM Cortex-A17 RK3288: Supports Android 9.0 & Debian 9.0 OS



Features

- Powered by Rockchip® ARM Cortex-A17 RK3288 with quad-core 1.6GHz performance
- Dual Display Output: 1 x HDMI, 1 x eDP, 1 x LVDS, 1 x MIPI DSI for flexible display options
- Default Onboard Memory: 2GB DDR3L 1333 DRAM
- Onboard Storage: Supports default 8GB flash, expandable up to 64GB
- Storage Expansion: 1 x Micro SD slot supporting up to 64GB
- Supports Audio Codec with 1 x Audio Jack for Line-in & MIC-in and 1 x 3W Speaker
- Comprehensive I/O: Includes 4 x COM, 6 x USB 2.0, 1 x GPIO, 1 x RJ45, and 1 x MIPI CSI
- Wireless Connectivity: Built-in 802.11 b/g/n 2.4G and Bluetooth V4.1

Packing List

PART NUMBER	DESCRIPTION	QTY
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Specifications

SYSTEM	
MB FORM FACTOR	Others
CPU	Rock Chip® ARM Cortex A17 RK3288 Quad-core 1.6GHz
CHIPSET	Rock Chip® RK808-B PMU
MEMORY	Onboard DDR3L 1333MHz 2GB DRAM
WATCHDOG TIMER	255 Levels
DIMENSION (W X D)	120.0 (W) x 72.0 (D) mm (4.7" x 2.8")
OS SUPPORT	Android 5.1 Android 9.0 Linux Debian 9.0
POWER	
POWER REQUIREMENT	DC-in 12V
POWER ON MODE	AT / ATX
CONNECTOR	DC Jack
DISPLAY	
GPU	Mali T764 GPU
MULTIPLE DISPLAY	Support 2 Displays
AUDIO	
CODEC	ES8316
Line-out	1 x Audio Jack for Line-Out
MIC-in	1 x Audio Jack for MIC-In
AMPLIFIER	3W
LAN	
ETHERNET	1 x Realtek RTL8211E-VB GbE 1 x AMPAK AP6212 WIFI and BT-4.1
USB PORT	
USB	2 x USB2.0 (USB1 Co-lay OTG) Internal Header for 4 x USB 2.0
SERIAL PORT	
COM	Internal Header for 1 x RS-232 Internal Header for 2 x UART TTL (1 x Co-lay RS232/485) Internal Header for 1 x UART (Debug)
INTERNAL I/O	
GPIO	4-Bit
I2C	Yes
ADDITIONAL	1 x LVDS w/ Inverter 1 x eDP 1 x MIPI CSI 1 x MIPI DSI
STORAGE	
eMMC	Onboard 8GB eMMC, Optional Up to 64GB
OTHERs	
OTHER	1 x Micro SD
ENVIRONMENT & CERTIFICATION	
SHOCK	15G, 11ms duration
VIBRATION	1 Grms/ 5- 500Hz/ Operation
OPERATING TEMPERATURE	-10°C - 60°C (14°F - 140°F)
STORAGE TEMPERATURE	-20°C - 70°C (-4°F - 158°F)
CERTIFICATION	CE/FCC Class A LVD
ESG DECLARATION	EU RoHS China RoHS REACH

Ordering Information

PART NUMBER	JR3288LC-2NA
CPU	RockChip® RK3288
MEMORY	Onboard DDR3L 2GB
POWER REQUIREMENT	DC-in 12V
LVDS	1 x LVDS
eDP	1 x eDP
HDMI	1 x HDMI
MULTIPLE DISPLAY	Support 2 Displays
ETHERNET	1 x GbE
ETHERNET	1 x WiFi/BT
USB	6 x USB 2.0
COM	1 x RS-232
COM	3 x UART
eMMC	eMMC 8GB
OTHER	1 x MIPI DSI
OPERATING TEMPERATURE	-10°C - 60°C (14°F - 140°F)