

R3288IOBM

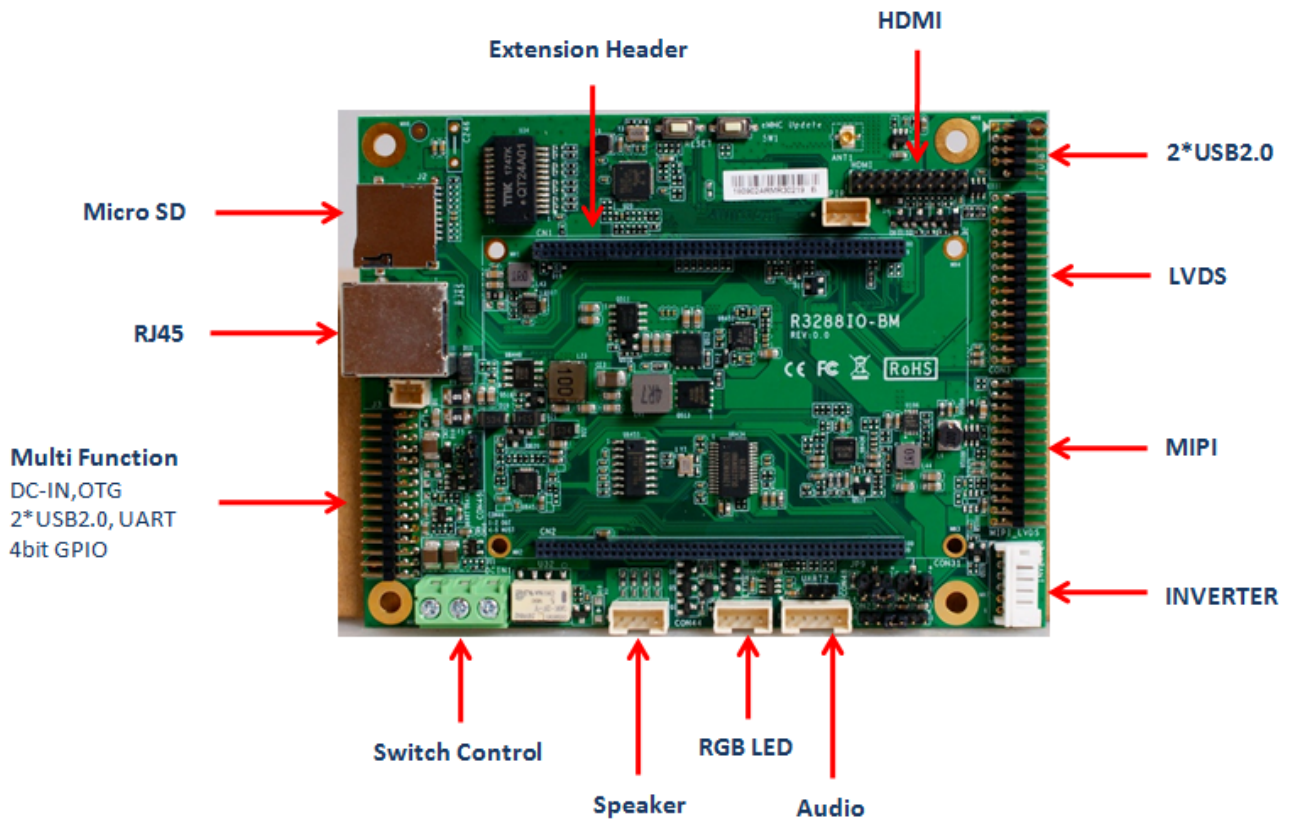
Rock chip® RK3288 I.O Board, 1*RJ45, 1*Micro SD, HDMI/MIPI/LVDS, WIFI,Bluetooth



1. Support Rock chip® RK3288 Control Board
2. 1* Realtek GbE LAN
3. 4* USB2.0, 1 * OTG
4. 1* Switch Control (3pin)
5. 1* HDMI, 1 *MIPI, 1 * LVDS
6. 1* Micro SD socket
7. 1* RGB LED Header
8. 1* Extension Header (2*100pin)
9. 1*Multi Function Header
10. Support WIFI and Bluetooth (Option)



Internal Diagram



Specifications

Form Factor	
Dimensions	- 120 * 90mm
Processor System	
CPU	-0
Chipset	- 0
PMU	- 0
Expansion Slot	
PCI	- 0
Mini-PCIe	- 0
CFast Card Socket	- 0
Micro SD Socket	- 1
SIM Card Holder	- 0
Memory	
Technology	- 0
Flash Rom	- 0
Graphics	
Controller	- (by CPU)
VRAM	- Shared Memory
VGA	- 0
LVDS	- 1 * 24 bit Dual Channel connector
eDP	- 0
HDMI	- 1 (2.0)
MIPI	- 1
MultiDisplay	- Dual Display
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- 1 * Realtek RTL8211E-VB Gigabit LAN
Connector	- 1 * RJ 45
Audio	
CODEC	- HD Audio : ES8316
Channel	- 2 Channel
Special Features	
WIFI	- 802.11 b/g/n,2.4G (Option)
WIFI Chip	-RTL8723BS (Option)
Bluetooth	- BT-V4.0 BLE (Option)
OS	- Android 5.1,Linux 4.4

Rear I/O	
HDMI	- 0
Ethernet	- 1
USB	- 0
Micro SD Socket	- 1
DC-input	- 0
Internal Connector	
USB	- 2 (2 * USB 2.0)
HDMI	- 1(3840x2160@60Hz)
LVDS / inverter	- 1 (24 bit, 1920x1200@60Hz)
eDP	- 0
MIPI	- 1(1920*1080 @60Hz)
Speaker	- 1
Audio Header	- 1
SMBUS/I2C	- 0
Switch Control	- 1
RGB LED	- 1
Multi Function	- 1 (DC IN、 OTG、 2*USB2.0、 UART、 GPIO)
Others	- 2 * Extension Header (CN1、 CN2)
Watchdog Timer	
Interval	- 256 segments, 0,1,2...255sec/min
Power Requirements	
Input PWR	- 5V DC-in (PWR Con)
Power On	AT/ATX Supported - AT : Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
Certifications	
Certifications	- CE, FCC, RoHS, REACH (Option)
Environment	
Temperature	- Operating: -10°C – 60°C - Storage: -20°C ~ 70°C
Warranty	
Warranty	- 2 Years Limited Warranty
Packing	
Packing	- Net Weight: - Gross Weight: - Color Box dimension:

*Specifications subject to change without notice, not responsible for typographical errors.