

LBA3288全功能智能AI行业板

产品名称	LBA3288全功能智能AI行业板
公司名称	上海临滴科技有限公司
价格	.00/个
规格参数	
公司地址	中国（上海）自由贸易试验区临港新片区环湖西一路99号16号楼A201-60室（注册地址）
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产品详情

LBA3288产品概述

LBA3288是基于瑞芯微RK3288芯片平台精心设计的一款全功能行业板，RK3288主频高达1.8 GHz，集成四核Mali-T764 GPU，板载有两路双8位LVDS、EDP、HDMI、MIPI（可选）多种显示接口，全面兼容主流显示屏，可直接驱动主流5-100寸的显示屏，支持多屏异显，最大支持4K硬解。板载MINI PCIE接口座及SIM座，可接3G / 4G移动通信模块。板载RS232、RS485 接口，方便连接各种工业设备。

产品参数

Function	Description
CPU	RK3288, Quad-core ARM Cortex-A17, up to 1.8GHZ frequency

	<p>High performance OpenGL ES1.1/2.0/3.0, OpenCL 1.2, DirectX 11</p> <p>High performance 2D Graphics Engine</p> <p>High performance Video Codec: H.263/264, AVS, VC-1, VP8</p>
GPU	ARM Mali- T764 GPU core
DDR	DDR3 , 1GB/2GB(Optional)
eMMC	eMMC 5.1 , 8GB/16GB/32GB/64GB/128GB(Optional)
PMU	RK808
Net work	<p>10/100/1000Mbps Ethernet (Realtek RTL8211E)</p> <p>Wi-Fi 2.4GHz/5GHz,802.11a/b/g/n/ac, up to 433 Mbps (AP6256)</p> <p>BT V5.0 with BLE supported</p> <p>2G/3G/4G LTE module supported (optional)</p>
Storage	MicroSD (TF) Card Compatible with SDIO3.0

OS	Android / Ubuntu / Buildroot
PCB size	L * W (mm) : 142 * 100 (PCB 1.6mm)
Screw size	3.6mm
Hardware Interface	
Power	DC12V - 2A (DC Jack 5.5*2.1mm / PH2.0 wafer connector)
USB	2*Type-A USB2.0 HOST + 2*4Pin PH2.0 USB2.0 HOST connector
Display	Type-A HDMI 2.0 up to 4K@60HZ MIPI-DSI up to 1080P@60HZ eDP1.1 20Pin PH2.0 up to 4Kx2K @ 30fps 2x Duel channel LVDS up to 1080P@60HZ

	<p>1x HDMI audio out</p> <p>2x 3W/4 speaker out with L/R channel</p>
Audio	2x 3.5mm Car phone interface with L/R audio out and Mic in
PCIe	mini PCIe for 2G/3G/4G LTE module
SD card	Compatible with SDIO 3.0 protocol, system boot up supported
SIM card	Micro sim slot for Mini-PCIe 4G LTE module
RJ-45	10/100/1000-Mbps data transfer rates
RTC	2Pin GH1.25 connector, RTC power on and off supported
Serial port	2x RS232 and 1x RS485
Keys	3x keys (power, reset, update)
Power output	12V, 5V, 3.3V
INPUT & OUTPUT	<p>5x INPUT detect with optocoupler isolation,</p> <p>5x 12V voltage output with GPIO control</p>
Others	2x ADC, 2x I2C(CTP supported), IR in, 2x SPI, 4x GPIO

