



Model Name: RK990

Application: Android BOX with 2 output display

RK990 Main Board / PCBA only

System	Description	Note
CPU	ARM Platform: RK3399	
GPU	Mali-T864	
PMU / PMIC	RK808 Power Management IC	
RAM	2G or 4G DDRIII RAM	
Flash	16GB EMMC 5.1	
OS	Android 7.1 / Android 8.0	

Interface	Description	Note
USB 2.0 Type-A	2 x USB 2.0 Type A External / HOST , 2x USB internal / HOST	
USB 3.0 Type-A	1 x USB 3.0 Type A External /HOST	
USB 3.0 Type-C	1 x USB 3.0 Type-C External	
PCIe	PCIe M-Key M.2 2280 specification	Optional
Ethernet	1 x RJ 45 10/100/1000 (Giga interface)	
WiFi	802.11 b/g/n and 802.11ac 2x2	
BT	BT4.1 , BLE	
Micro SD port	1 x Micro SD slot	



Audio Out	1x Audio output	
SPDIF	1 x SPDIF	
Micro Phone	1x micro phone in	
Power Button		
Reset Key	Wafer 2.54mm + button	
Recovery Key	Wafer 2.54mm + button	
GPIO 1.8v	8 x GPIO	
UART	2 x UART , one for debug /develop	
RTC	Button Cell on PCBA	
DC Jack	DC Jack / Power adaptor	
Display	2 HDMI display out (1 x HDMI with voice, 1 x MIPI轉 HDMI (no voice))	