

Model No.	UPX-3568
CPU	RK3568 Cortex-A55 Quad-core, up to 2.0GHz
GPU	ARM Mali-G52 2EE, supports OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1; Embedded high-performance 2D acceleration hardware.
NPU	Built-in 1Top Computing power
Multimedia	Supports 4K 60fps H.265/H.264/VP9 video decoding and 1080P 100fps H.265/H.264 video encoding; Supports 8M ISP and HDR
RAM	LPDDR4 2GB (4GB 8GB optional)
STORAGE	Default 8GB_EMMC, Max. 128GB optional
LVDS	Two 30-pin industry-standard dual LVDS supporting VESA/JEITA format up to 1080P output
EDP	Two 20-pin industry-standard EDP supporting 1~4 lanes format up to 1080P output
Multi Display	Supports multi screen asynchrony display
Amplifier output	8 Ohm 6W Dual Audio Amplifier Output
Line Output	Support standard left and right channel line output (pin header and headphone jack)
MIC Input	Differential MIC input (pin header)
Line Input	Support standard left and right channel line input (pin header)
Usb Camera	Support USB camera within 5 million pixels and MIPI+DVP dual cameras
USB	4 horizontal connectors, 8 USB 2.0 pin headers, 1 USB 3.0 header, 1 OTG pin header
TF CARD	Self-elastic micro SD card socket, up to 128GB capacity
Cash Box Port	1 RJ11 6-pin standard cash box connector
Serial Port	1 TTL/RS-232 DB-9, 3 TTL/RS-232 pin headers, 1 TTL/RS-48 pin header
SPI Bus	SPI pin header for SPI UART and etc
I2C Bus	I2C pin header for I2C capacitive screen and etc
GPIO Signals	8 GPIO signals for such as GPIO buttons and/or 3.3V digital input/output
Buttons	Recovery mode button and power switch button
Backlight Control	Industry standard LCD backlight control header, support for backlight switch and brightness adjustment
Infrared RC	Standard infrared remote control receiver and infrared receiver pin header
LED Indicator	Red LED indicator for standby and green LED indicator for running
Bluetooth	High performance BT module,support BT v4.0
Ethernet	10/100/1000M Adaptive Ethernet RJ45 connector+4-Pin POE header
WIFI	Built-in high performance SDIO interface WiFi module, support IEEE 802.11 b/g/n
4G/5G	Industry standard MiniPCI-E 4G module interface with Micro-SIM card socket
RTC	Ultra-low-power RTC circuit (CR1220 battery) with timer and alarm functionalities
Voltage	Supports 9~15V wide voltage DC power input
Ambient Requirement	Working temperature 0°~70°, working humidity 0%~95% (non-condensing)
Physical Size	Length*Width (170mm*105mm)
Operation System	Recommended Android 11.0, Optional Linux Buildroot/Qt, Debian10, Ubuntu 18.04