

GEA-8306 ARM IPC Specification



Hardware Specification

Operating System	Android 4.2(include 4.2) or above
CPU/GPU	1080P Video player , 6 Backgrounder of Application
RAM	≥ 1G
Built-In Storage	EMMC , Capacity ≥ 8G (remain at least 4G for YB)
Wireless Network	*SMS transmit-receive *broken network within 14minutes everyday *Outlay antenna *Adopt multimode network module, support WCDMA+CDMA2000) *SIM card replaceable from outside machine (drawer type SIM cassette)
WIFI	Support standard IEEE802.11b/g/n *Outlay antenna
RJ45	100M self-adaption
Audio Input Interface	*only need support USB microphone
Audio Output Interface	*only need support USB sound card
Video Output	HDMI , at least support standard 1920*1080、 1024*768 *Support audio synchronous output
Temperature Sensor	Measure operating temperature inside the IPC,specification unlimited
Watchdog	Used in monitoring process of the application layer to control the machine to restart.specification unlimited , offer API
WIFI hot spot	*WIFI hot spot at least 6 connectors
Switch Status	Function as switch between two states of in sale and in maintaining *Touch switch,easy for observation *defaults to off
USB	Support USB2.0 , compatible with USB1.1 *Total 4 , each support standard 500m acurrent
USB power supply	*System power off : USB out-off of supply *System restart : USBUSB out-off of supply above 1S
Port	At least 3 RS232 ports , three on panel , remain spare stitch on main board
Antenna Interface	Outlay on case , Optional high-gain antenna in bad signal scene
Power	Sole power 12V DC,avoid fetch way.
Shell	Fanless , Ensure cooling ; secure shell , Fall prevention design
Installation& Fixation method	170mm*150mm*26mm;
Volume Adjust Button	NO need
Brightness Adjust Button	NO need
Power on/off Button	*Press down to start *Press above 5S force to power off
Indicator Light	*WIFI indicator light *Wireless network indicator light *Power indicator light
SD Card	NO need
RTC Clock	*Built-in , support Android4 standard API read/write *Achieve automatically correct time when starting up and circle *Uncharged operating at least 3 years
Micro USB	Support Android standard,share function by microUSB network