

Industrial ARM PC

APC390R



Geniatech's Industrial ARM PC APC390R can be applied to IPTV DVB OTT fusion, video conferencing, external HDMI OUT device display, hotel intelligent interactive TV, remote Intelligent Control (MDM) and other scenarios.

● ARM T820 MP3 (3- cores) GPU

The ARM T820 MP3 GPU is equipped with 3- cores and is designed to maximize available resources during graphics operations. Therefore, it can guarantee the performance and power consumption very well.

● Dual-band WiFi

At present, there are many devices in the 2.4g band, and the environmental interference is relatively large. 5G channels are cleaner, faster, and more power-efficient when transmitting the same amount of data. Therefore, dual-band wifi gives users more options and better experience.

● Can support the same screen different display

Can support painting in painting, to meet your various needs of display screen.

● Gigabit Ethernet Port

Gigabit Ethernet can provide 1Gb/s communication bandwidth for a smoother experience.

● application scenarios

it can be used in IPTV DVB OTT convergence, video conferencing, external HDMI OUT device display, hotel intelligent interactive TV, remote intelligent Control (MDM) and other scenarios.

Product Specification

APC390R	Industrial ARM PC
CPU	Quad-core ARM Cortex-A53 CPU
GPU	ARM T820 MP3 GPU
Internal Memory	1GB/2GB DDR4 (optional)
Internal Storage	8GB/16GB EMMC (optional)
OS	Android 6.0
Dual-band WiFi	IEEE 802.11 AC 2.4G /5.8G
USB	USB2.0 x1 + USB3.0 x1
HDMI	HDMI IN*1 and HDMI OUT*1
DC Input	5.0V-2A
MicroSD Slot	Max: 32G
Video Output	HDMI
Audio Output	HDMI
IR Receiver	Remote controller
BT	Optional
DOLBY	Optional
LAN	RJ45 10/100/1000M
Audio Interfaces and Functions	Built-in Audio Codec with 24-bit resolution; One I2S interface (2 channels) for Audio input output ; 7.1 CH down-mix MPEG I Layer 1, 2, 3 (2-CH) and MPEG II Layer 1, 2 (Multi-Channel)
Video and Picture Decoding Functions	VP9 Profile 0; H.265 MP@L5.1 Main Tier ; Supports HD MPEG2 (up to MP@HL 1080i), ISO/IFO/VOB/TS Supports HD MPEG4 SP/ASP (720p/1080i/1080p), Xvid H.264 BP@L3, MP and HP@L4.2 HD JPEG , HD JPEG with 32k x 32K maximum resolution Video up-scaling from SD to Ultra HD(720p/1080/1080p/2160p)
size (mm)	100x106x25
Net Weight (g)	212
Power Adapter	AC100 ~ 240V 50/60Hz

