

ARM Industrial PC

APC1295



Geniatech's ARM Industrial PC APC1295 can be used in home wifi router, external HDMI OUT device display, advertising screen display, IPTV DVB OTT fusion, video conferencing, hotel intelligent interactive TV, remote intelligent Control (MDM) and other scenarios.

● IPv6 1WAN-1LAN Router

The APC1295 runs as an IPv6 1WAN-1LAN router and is equipped with high-performance quad-core CPU Cortex-A53 with 1M L2 storage built in.

● 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.

● GiGE Vision

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

● HDMI2.0&HDR

HDMI2.0 A interface is supported, 4k @60p 10bit HEVC(H.265) hardware decoding is supported, while HDR provides more picture details and expands the dynamic range for a true visual effect



Product Specification

APC1295	Industrial ARM PC
CPU	Quad-core ARM Cortex-A53 CPU
GPU	ARM T820 MP3 (3-core) GPU
DDR	1GB/2GB DDR4 (optional)
EMMC	8GB/16GB (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 和 HDMI OUT*1
Input voltage	12.0V-2A
MicroSD slot	Max: 32G
Video output	HDMI/CVBS
Audio output	HDMI/RCA/SPDIF
Infrared	Infraredx1
Bluetooth	optional
network port	RJ45 10/100/1000M
Audio Interfaces and Function	Built-in Audio Codec with 24-bit resolution ; One I ² S 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); LPCM, ADPCM, ALAC, FLAC, AAC,WAV, AIFF, VSELP, and OGG Vorbis
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 Support HD MPEG4 SP/ASP (720p/1080i/1080p), Xvid H.264 BP@L3, MP and HP@L4.2 H.264 MVC SHP@L4.1 H.263 Profile0/3@L70 1080@60P VP8 1080@60P
size (mm)	160x136x37
weight (g)	485g
power adapter	AC100 ~ 240V 50/60Hz