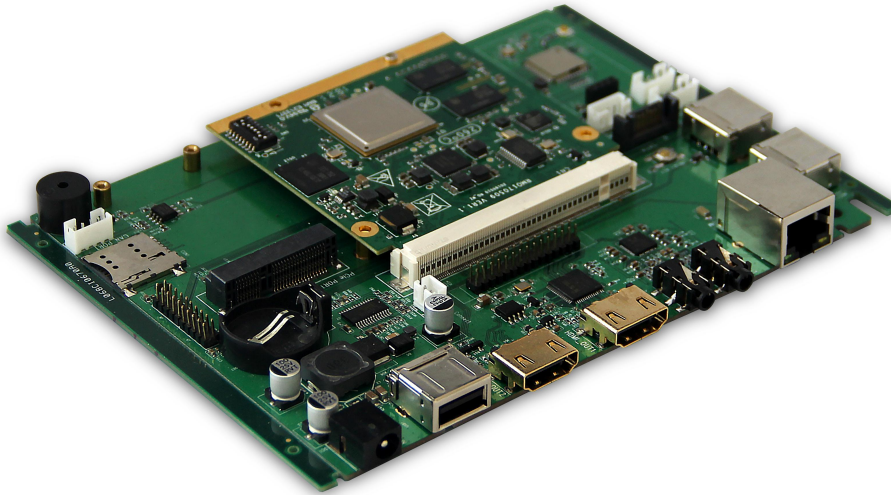


## APC3710 SPEC



### Overview

The APC3710 is a Consumer Edition board based on the i.MX6 series of SoCs. The i.MX 6 series of applications processors combines scalable platforms with broad levels of integration and power-efficient processing capabilities particularly suited to multimedia applications. The i.MX 6Quad processors feature advanced implementation of the quad ARM Cortex-A9 core, which operates at speeds up to 1.2 GHz. They include 2D and 3D graphics processors, 1080p video processing, and integrated power management. Each processor provides a 64-bit DDR3/DDR3L/LPDDR2 memory interface and a number of other interfaces for connecting peripherals, such as WLAN, Bluetooth, GPS, hard drive, displays, and camera sensors.

### Specifications

#### Processor

iMX6Q,Quad Cortex-A9@1.2 GHz

#### Memory/Storage

1GB LPDDR3 Memory

powered by

8GB eMMC5.1 Storage

**Display**

HDMI v1.4 x 1

LVDS Header x1

**Audio**

Audio out x1

Mic in x1

**Connectivity**

Gigabit Ethernet, 10/100/1000Mbps

WLAN 802.11 a/b/g/n/ac, 2.4G/5GHz

Bluetooth 4.1

**Expansion connector**

USB 2.0 Host x2

USB 2.0 OTG x1

Mini PCIE Connector x1

SATA Connector x1

SATA Power Connector x1

CAN Bus Header x1

SPI Bus Header x1

UART Bus Header x1

**External Storage**

Micro SD socket x1

**User Interface**

Power/Reset

**OS-support**

Linux 4.9.88\_2.0.0

Android 8.0/7.1

powered by

Windows 10 IoT

**Power, Mechanical and Environmental**

Power: +12V

Dimensions: 117.4\*149mm

Operating Temp: -40°C to +85°C

RoHS and Reach compliant

powered by

