MWG | WE link

WeLink Solutions, Inc.

Industrial Module Solutions (SMARC &Qseven)

Versatile CPUs with AI across X86 and ARM on All of Modules

ARM

X86

SMARC

QSeven

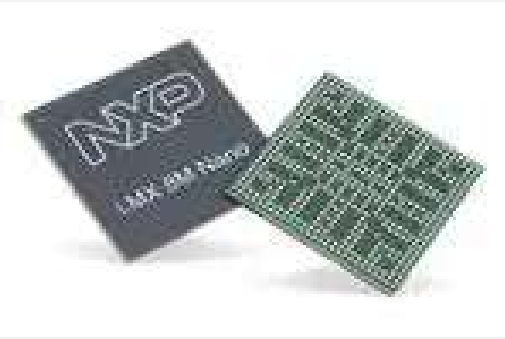
ARM

X86

Intel® Atom™ x7000R/RE ® processors family

Qualcomm QCS/M Series

MediaTek Genio 720/520



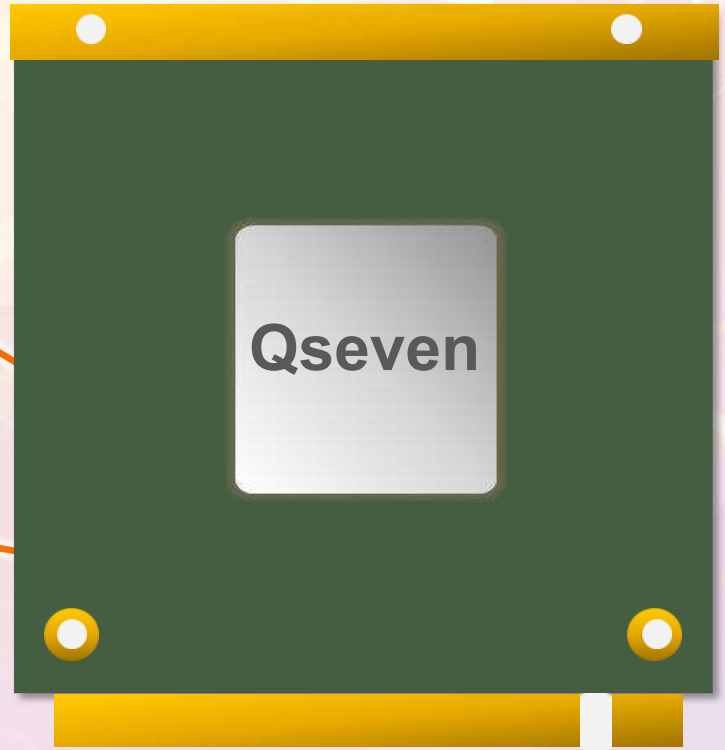
i.MX 8M Plus

Qseven Mobility Architecture

Qseven is ideal for traditional embedded applications where a compact, low-power, x86- or ARM-based solution is needed.

X86

ARM



Low Power

High Performance

Compact Size

Qseven Module Key Features

Architecture Flexibility

Fully compatible with x86 and ARM platforms for diverse applications.

Compact & Efficient

Measures 70 x 70 mm with low power consumption, ideal for embedded systems.

Rich I/O Options

Supports USB, PCIe, SATA, HDMI,and more for seamless connectivity.

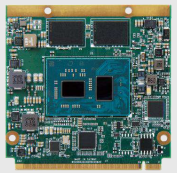
Industrial Reliability

Operates in -40°C to +85°C with guaranteed long-term supply.

WeLink Qseven Modules Eco System

X86 Module

ASL
MQ7-M31



EHL
MQ7-M109

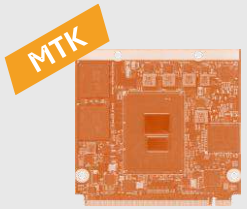
ADL
MQ7-M21

Brasewell
MQ7-M107

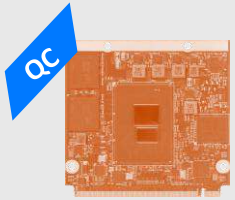
APL
MQ7-M108

ARM Module

OSM to Qseven converter
MQ7-G510

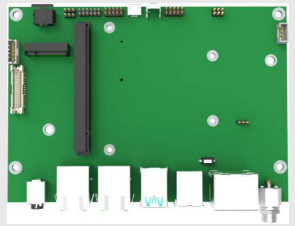


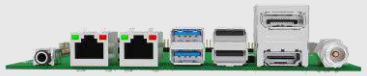
MTK
MQ7-G720/510



Qualcomm
MQ7-Q6490

EVK Carrier





3.5" Embedded
Board
MQ7-C350

Qseven System

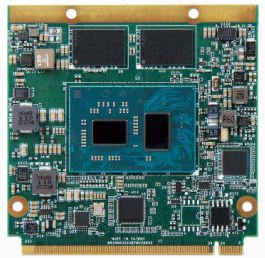
WeLink Qseven Modules

x86 Architecture

Evolving with Different Intel CPU Generation

Amston Lake
WQ7-M31

Alder Lake
WQ7-M21



Elkhart Lake
PQ7-M109

Apollo Lake
PQ7-M108

Braswell
PQ7-M107

ARM Architecture

Converting from OSM Module to Qseven Standard

ARM base
OSM module

OSM to Q7
Converter Board

Genio 510
MQ7-G510

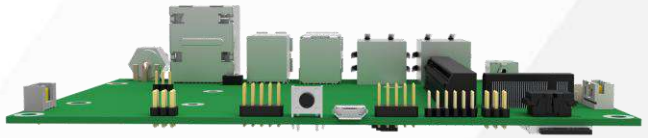
Genio 720
MQ7-G720

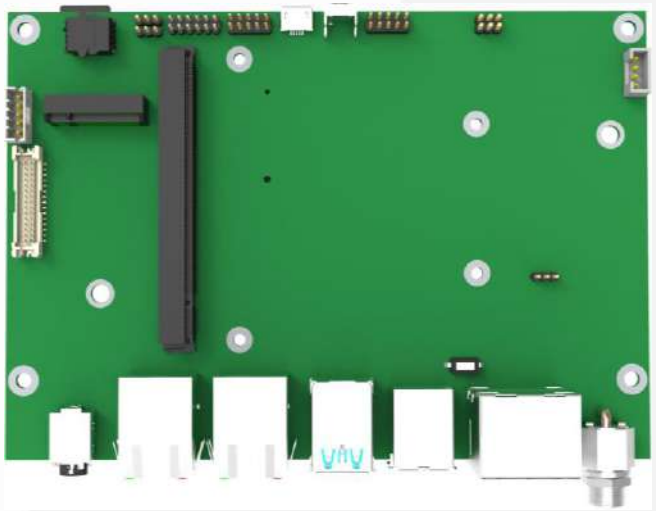
And so on..

Evaluation Kit

Dual-Platform Integration for 3.5” Q7 Carrier Board

- Dual-Platform Support x86 & ARM
- 3.5" Compact Size with Q7 standard carrier
- Wide Voltage Input & Versatile I/O
- Modular Design for Flexible Expansion
- Industrial-Grade Reliability for Harsh Environments





Qseven Fan Free Rugged System

Dual-Platform x86 & ARM supported

- Fanless Design for Reliable Operation
- Rich I/O & Smart Edge Computing
- High Flexibility & Easy M.2 PCIe Expansion
- Wide Power Input & Temperature Range
- Rugged & IoT-Optimized Platform – A perfect match for IoT applications, featuring robust structure and expandable network gateway capabilities.

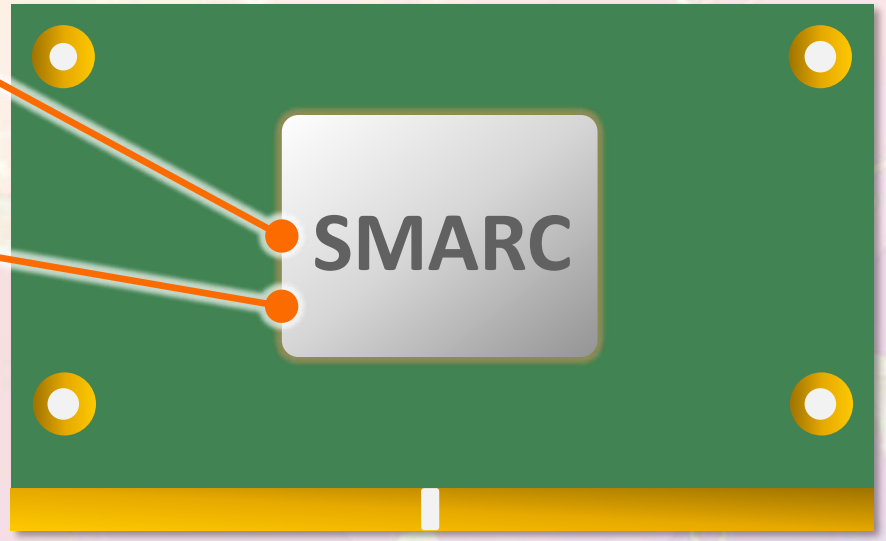
SMARC Smart Mobility Architecture

A versatile small form factor computer module that was defined by the Standardization Group for Embedded Technologies (SGET).

STANDARDIZATION GROUP FOR EMBEDDED TECHNOLOGIES

X86

ARM



Low Power

High Performance

Low Cost

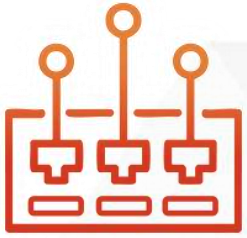
SMARC Key Features

Architecture Flexibility

Fully compatible with x86 and ARM platforms for diverse applications.

Compact & Efficient

Measures 82 x 50 mm with ultra-low power consumption, ideal for embedded and IoT applications



Advanced Multimedia Support

Includes MIPI DSP, audio and camera interfaces for AIoT and smart devices.

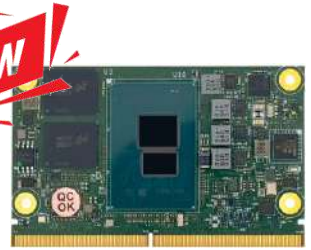
High-Speed & 5G Ready

Supports PCIe, USB3.2, 2.5Gb LAN and 5G-optimized high-speed I/Os.

WeLink SMARC Modules

x86 Architecture

Evolving with
Different Intel CPU
Generation



Amston Lake
WSC-M32

Amston Lake
WSC-M31

Alder Lake
WSC-M21

Elkhart Lake
PSMC-M1014

Apollo Lake
PSMC-M1013

ARM Architecture

A Foundation for
Computing Everywhere

MediaTek
G510/G700
WSC-M510

NXP
WSC-M841

RockChip
WSC-M3568

Where Mostly Targets?

SMARC modules stand out with the rich choice of graphics, camera, sound, network and optional wireless interfaces.

Robotics

Smart Factory

Digital Signage

Healthcare

Transportation

KIOSK

Connect
WeLink Solutions
Make Customers Success

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