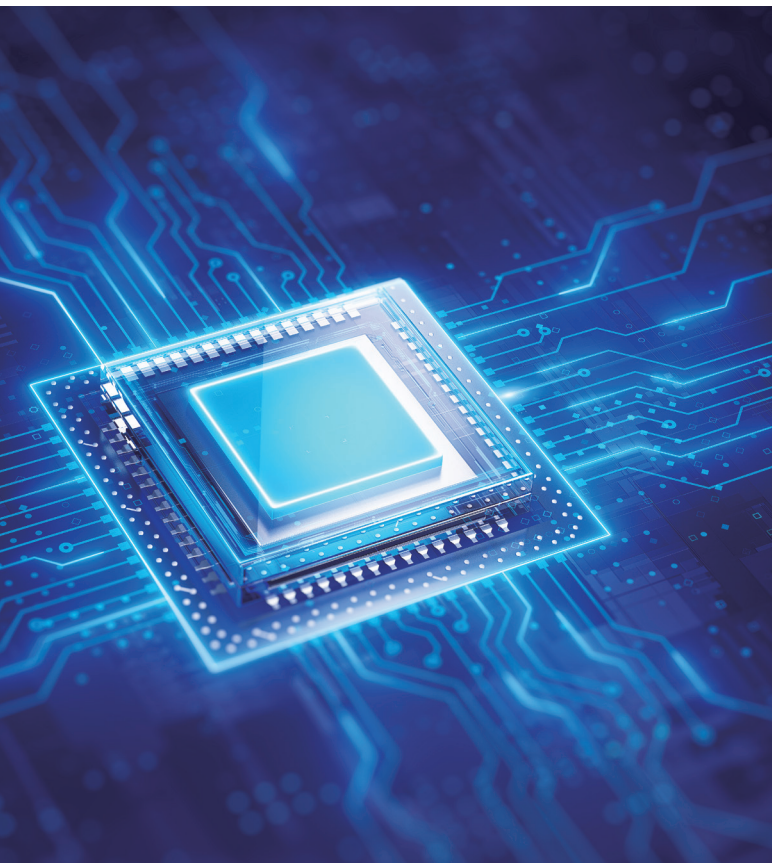




FPGA/SoC One-Stop-Shop



■ Standard Modular Products

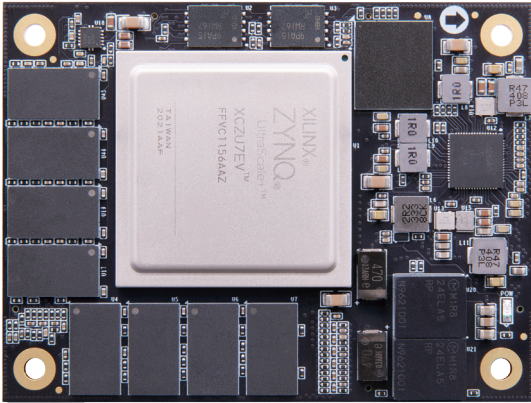
- System-on-Modules (SoMs)
- Baseboards
- Heatsinks & Accessories
- Development boards & kits
- FMC cards
- Solutions for vertical applications

■ Tailored Services

- Full-stack Design services
- ODM & OEM
- Flexible cooperation modes



FPGA/SoC Modules



Our comprehensive FPGA/SoC product portfolio covers AMD Versal AI Edge, Zynq UltraScale+ MPSoC & RFSoc, Kintex UltraScale+, Artix UltraScale+, Kintex UltraScale, Zynq 7000 SoC, Kintex 7, Artix 7, Spartan 7 as well as Pangomicro.



Development Kits

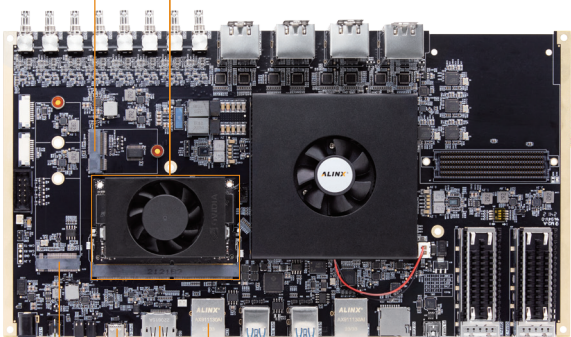
We offer development kit for Every SoM!



Combine FPGA/SoC with Nvidia GPU

Jetson Orin NX M.2 WIFI/BT

Jetson Orin NX module
(Upgrade purchases)



Jetson Orin NX Gigabit Ethernet

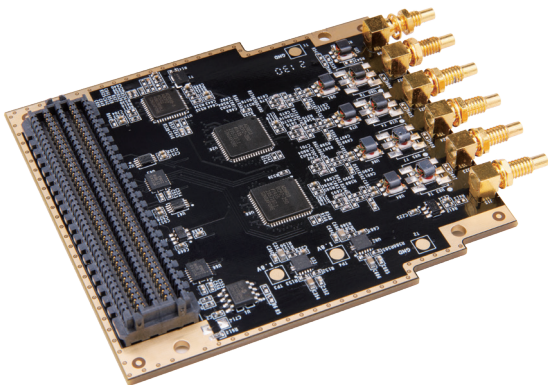
Jetson Orin NX DP Output

Jetson Orin NX Type-C

Jetson Orin NX M.2

FMC Cards

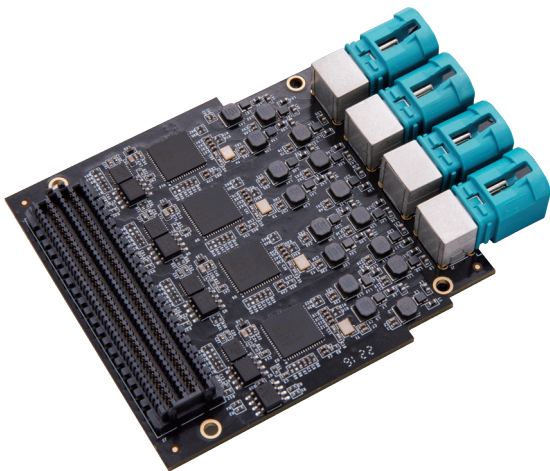
20+ options, and more to come...



Modular SoMs + baseboards + FMC cards



Fast evaluation & prototyping



Vertical Solutions

HiL: Hardware-in-the-Loop

Collect video data or store 3D road simulation scenes on industrial computers/standard servers.



- Injection card S1
- Injection card S2
- Acquisition card A16

Collect video data or store 3D road simulation scenes on industrial computers/standard servers.



The autonomous driving data processing workstation transmits information to the injection card through the PCIe interface.



The injection card simulates GMSL image data and injects information into the ECU / ADCU through the GMSL interface.

Conduct simulation testing on ECU / ADCU.



Simulate the effect for testing and application

Company Profile

Alinx is an innovative and successful FPGA/SoC focused company located in Shanghai, China.

Alinx offers an extensive portfolio of standard System-on-Modules (SoMs) and development boards and FMC cards, a wide range of technical support, solutions on vertical markets and full-stack design services. With broad expertise and flexible cooperation modes, Alinx can help you manage project risk, lower total cost of ownership and accelerate time to market.

Alinx has another brand AUMO focuses on automotive products and solutions. Alinx also provides solutions for EdgeAI computing, medical vision and industrial vision.

By covering FPGA/SoC system design, hardware and firmware and software design, prototyping and production, Alinx can provide you turnkey solutions at minimum cost. With an experienced and energetic team and a 100% success rate record, Alinx can deliver you high quality design services at shortest lead time.

Alinx has built a large inventory which can offer you the best flexibility on supply chain management as well as an easier financial condition.



ISO9001:2015



ISO26262:2018

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