

Robust Computing Power, Surging Performance

- Qualcomm® QCS6490 with advanced 6nm process and 8-core tri-cluster CPU
- Qualcomm® Adreno™ 643 flagship GPU



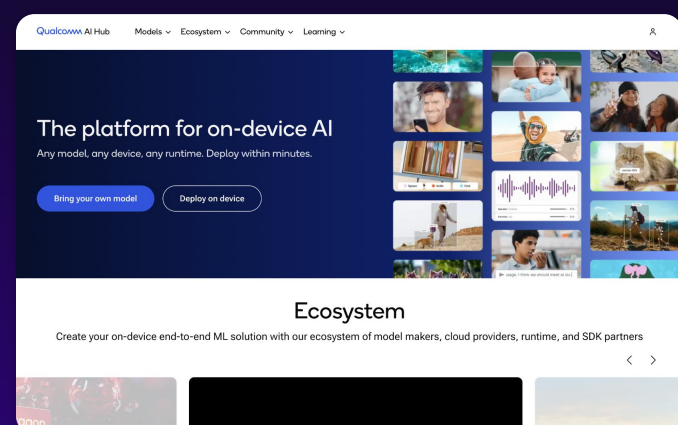
AI Acceleration, Cool Control

- 6th generation Qualcomm® AI Engine, integrating Hexagon™ processor and fused AI accelerator architecture
- Up to **12 TOPS** computing power under low power consumption



Robust Software Ecosystem

- Qualcomm® AI Hub pre-optimized AI model library simplifies on-device deployment



Software support

Robust Software Ecosystem



radxa® Dragon Q6A

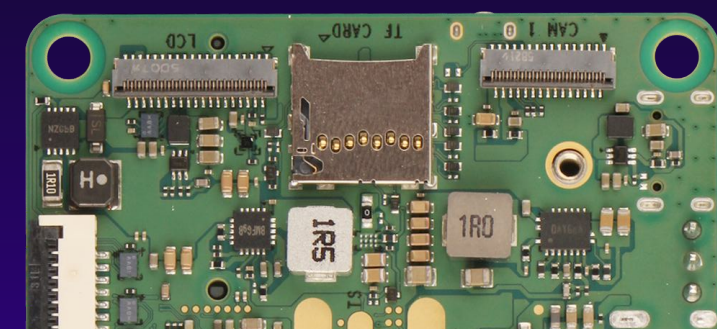
Exceptional Performance, Ushering in a New Era of Intelligent Edge Computing



A high-performance, low-power industrial SBC powered by Qualcomm® QCS6490, designed for industrial IoT, edge AI, and smart devices.

3x MIPI CSI cameras (up to four channels)

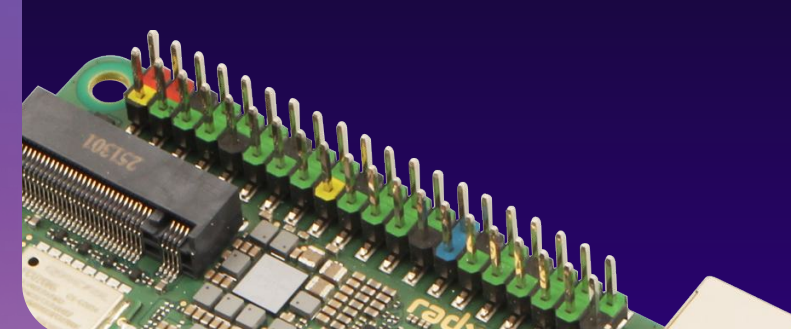
- supports multi-input and high-resolution applications



Standard 40-pin GPIO

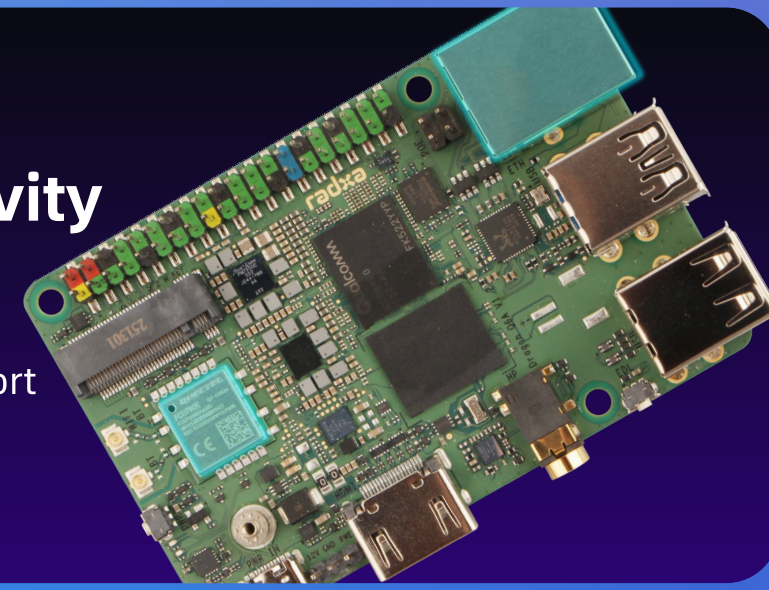
- Supports

UART I2C SPI PWM

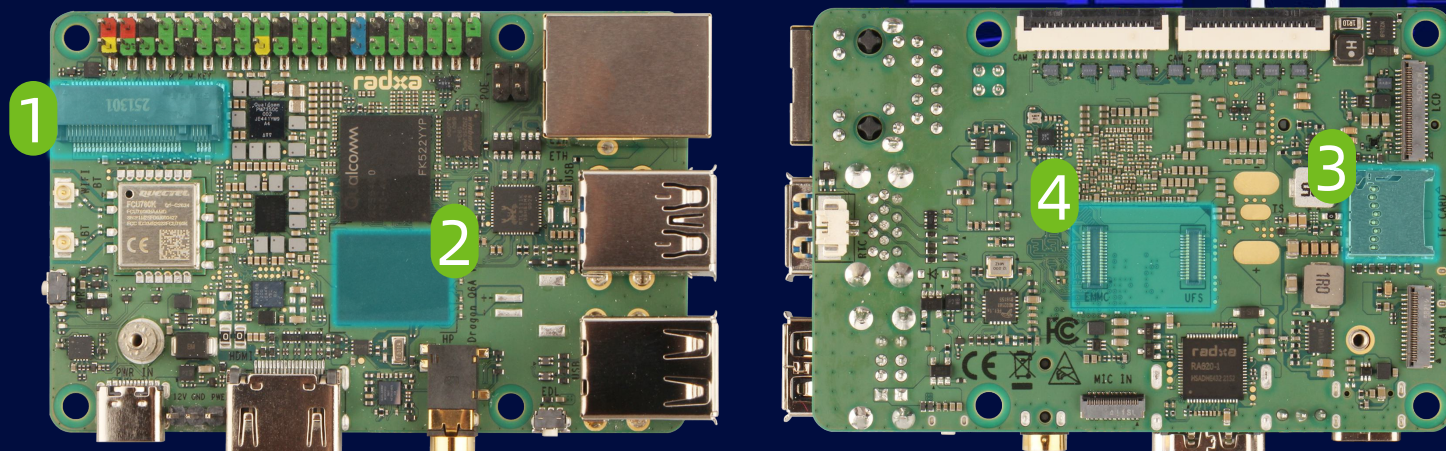


Wireless and Wired, High-Speed Connectivity

- Integrated WiFi 6 and BT 5.4 for seamless high-speed connectivity
- Equipped with a gigabit Ethernet port (supports PoE), enabling power supply and network transmission through a single cable.



High-Speed Storage, Flexible Expansion



1 M.2 M Key 2230 NVMe SSD

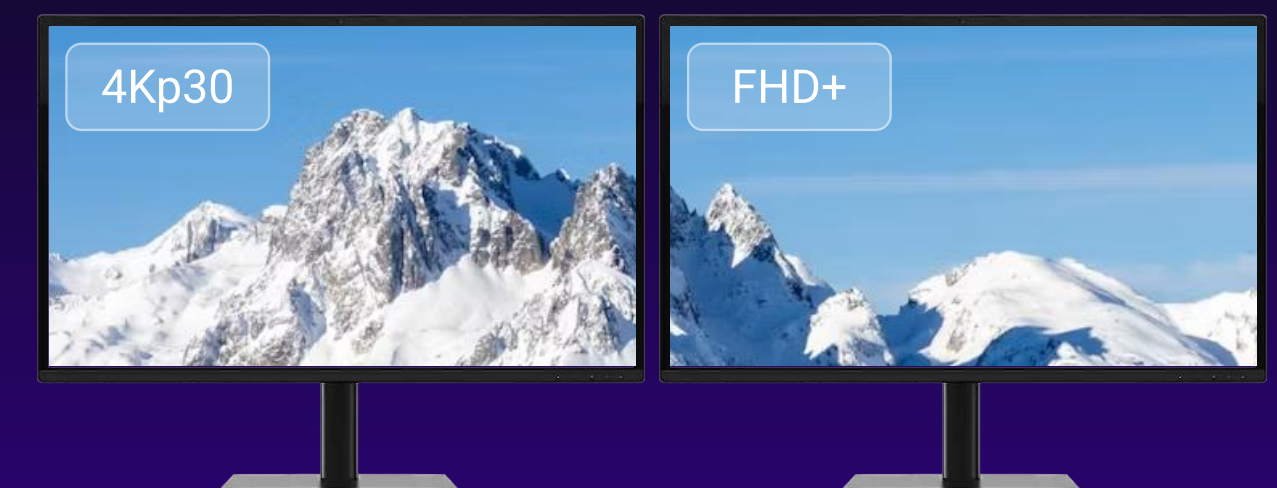
2 Onboard LPDDR5: Up to 16 GB, with data transfer speeds up to 5500MT/s.

3 MicroSD card

4 UFS / eMMC module

Rich Multimedia Capabilities

- Offers HDMI 2.0 (4K30) and MIPI DSI (FHD+) dual display output interfaces, meeting the needs of complex multi-screen scenarios.



WiFi 6



BT 5.4



1GE