

This solution helps enable powerful connections and reduced latency, along with dynamic triple ISPs and advanced Edge-AI and compute, delivering astonishing performance at lower power.

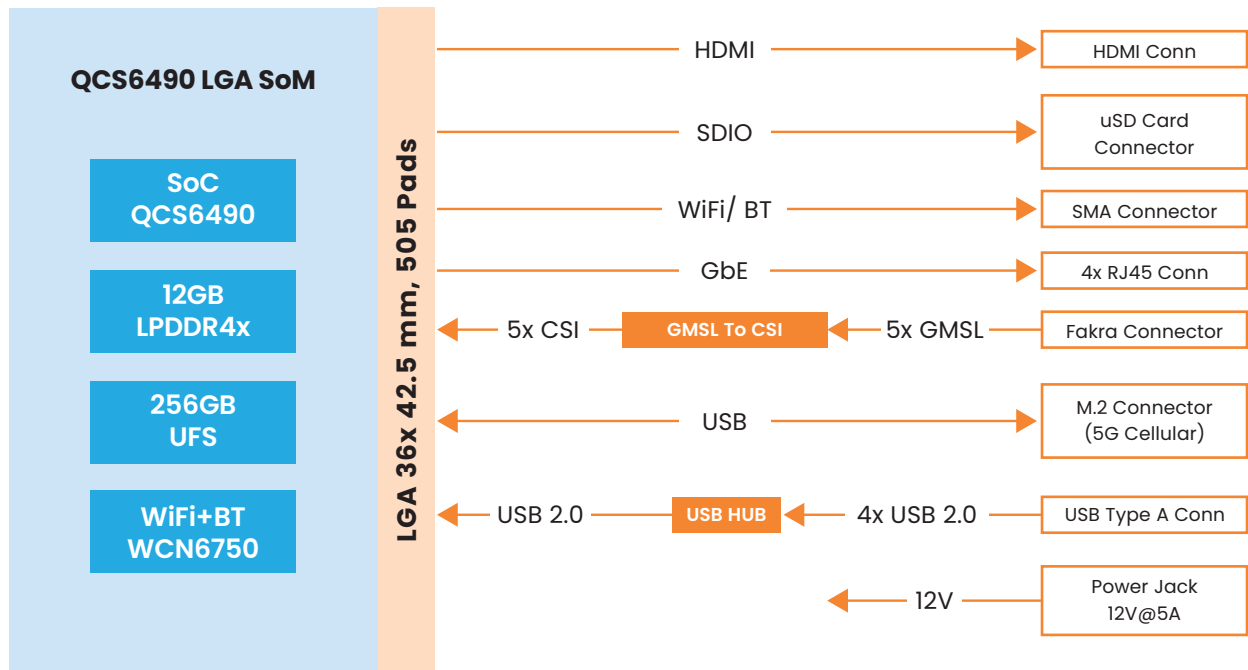
Applications

- Autonomous robots & Robotics
- Ruggedized handhelds and tablets
- Kiosks
- Industrial scanners
- Dash cameras
- Point-of-sale systems
- Human machine interface systems
- Smart Camera

Key Features

- OS: Linux
- Software Package:
 - Base Linux package will be from Qualcomm.
 - Tessolve provides ready to integrate SDK and APIs.
 - Tessolve offers software customization as needed
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BLOCK DIAGRAM



Tessolve QCS6490 CB

Features

Video Output	x1 HDMI Out (HDMI 1.4)
Ethernet	3x GbE RJ45 Ethernet 1x GbE RJ45 Ethernet with PoE
Camera	5x GMSL Camera
USB Host	4x - USB 2.0 Hos
SDIO	Micro SD card support (SDXC)
WiFi/ BT	WiFi 6E, BT 5.4
Cellular	M.2 Expansion connector for 5G
Power Input	12V Adaptor Input
RoHS	RoHS Compliant

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