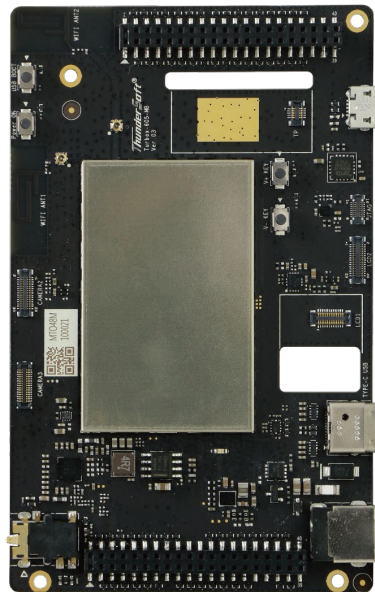
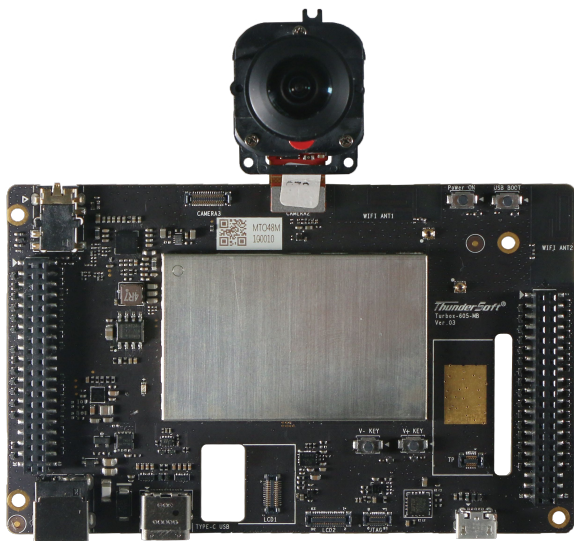


TURBO X S605 SBC



TurboX S605 SBC is a vision intelligence platform made for the smarter IoT devices at the edge. This platform includes advanced camera processing software, machine learning and computer vision software development kits (SDKs), proven connectivity, and security technologies. It can speed up the products development.

Applications



Smart City



Smart Camera



Smart Surveillance



360 Camera

■ Specifications

| Category | Description |
|-----------------------|---|
| Chipset | Qualcomm® RedDragon™ QCS605 |
| CPU | 8x Qualcomm® Kryo™ 300 CPU, Up to 2.5 GHz |
| GPU | Qualcomm® Adreno™ 615, OpenGL® ES 3.2, Vulkan, OpenCL |
| DSP | Qualcomm® Hexagon™ 685 DSP |
| OS | Android 8.1 |
| Memory and Storage | LPDDR4x 6GB + eMMC 64GB |
| Display | 2x MIPI-DSI 4-lane, Up to 2560 × 1600 10 bit at 60 Hz DisplayPort 1.4+ data concurrency over USB |
| Camera | 2x ISP 14 bit + 1x Lite ISP: 32 MP (2x ISP, 16 + 16 MP), 3x MIPI-CSI 4-lane, 2x ISP 14 bit + 1x Lite ISP, up to 32MP |
| Decode | 4K60 10-bit: HEVC/VP9/H.264 HDR 10 |
| Encode | 4K60 8-bit: HEVC/H.264 + 1080P60 |
| WiFi/BT | 802.11a/b/g/n/ac 2.4/5Ghz 2×2 MIMO & Bluetooth 5.0 |
| Interface | 1 x USB 3.1 Type C; 1 x USB 2.0 Micro B; 1 x MicroSD card slot; 3 x Camera Connector; 2 x LCD Connector; 1 x Touch Panel Connector; 1x JATG Debug; 1x 3.5mm headset; 1 x 40 Pin Expansion Connector(SPI, LPI_SPI, I2S, I2C, UART, GPIO) 1 x 40 Pin Audio Connector(DMIC, AMIC, SPEAKER, LINE, GPIO) |
| Size | 106mm*66mm |
| Power | +12V/3A input |
| Operating Temperature | -20°C ~ 70°C |
| Storage Temperature | -20°C ~ 80°C |
| Relative Humidity | 5%~95%, non-condensing |