

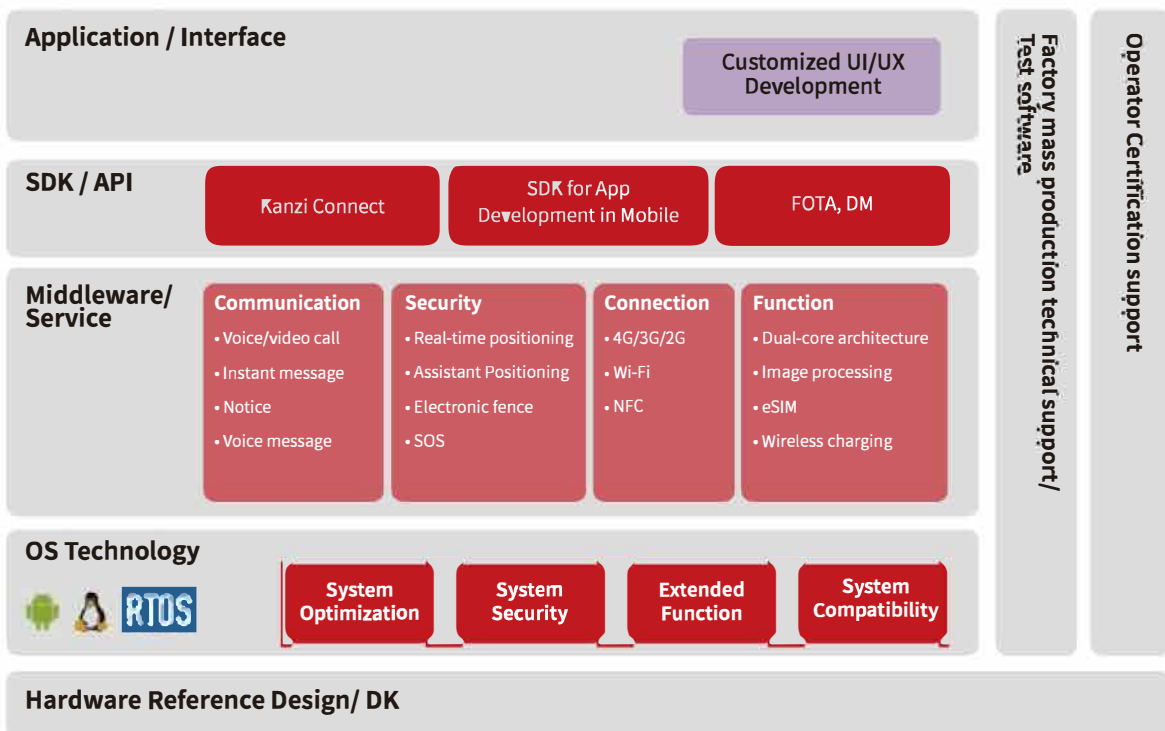
TURBO X

SDW4100 Development Kit



TurboX SDW4100 Development Kit is powered by Qualcomm Snapdragon 4100 wearable platform and TurboX Wear OS. It contains major functions of the wearable devices based on Android operating system. TurboX SDW4100 Development Kit offers rich interfaces and peripherals, the modular design allows developers to customize the components by redesigning the FPC. TurboX SDW4100 comes along with the standard software baseline, which will speed up the watch product development, enable developers to evaluate the performance and build the wearable product prototype quickly.

TurboX Wear OS



 TurboX Wear OS provided

Applications



Smart Glasses



Smart Watch



Tracker



Smart headset



Handy Terminal

Features



Modular Design with Plentiful Peripherals



Standard SDK/API Interface



Embedded Algorithms: Step counting, Calorie counting, Motion detection, Fall detection, EIS

Specifications

Platform	Qualcomm Snapdragon Wear 4100
OS	Android O, Linux (IN PLAN)
Memory	8Gb+8GB
Cellular Band Support	North America, Europe, APAC
Display*	1.2" AMOLED 390*390, Round, OnCell
SIM	SIM Card eSIM*
Connectivity	Wi-Fi 802.11 b/g/n 2.4GHz NFC
Location	Gen 8 Satellite: GPS, GLO, BDS, QZSS
Co processor*	Apollo 3 blue+
Sensors*	Accelerometer, Gyroscope, PPG Heart Rate Sensor; Support for extending other sensors
Algorithm	Step counter, Calories, Sports & Fitness, Sleeping tracking, Fall detection, Support for extending other 3rd party algorithms
Camera*	13M
Others	Mic, Speaker, Vibrator
Button	3
Battery	Yes
Extensible Interface	MIPI, SPI, IIC
Debug Port	USB, UART

* Means TurboX Wear 4100 DK supports replaceable service