

Ashberry

Aheesa™ Ashberry IoT Platform based on Qualcomm platform of Snapdragon600 series of MSM8953. The CPU uses the advanced 14nm FinFET process for lower active power dissipation and faster peak CPU performance. It includes a 64-bit ARM Cortex A-53 octa-core application processor, 16GB/32GB/64GB eMMC memory and comes with Android 10.0 OS.

Aheesa™ Ashberry supports multi-modes of cellular connectivity which includes LT-TFF/LTE-FDD/ WCDMA/ TD-SCDMA/ CDMA/ GSM. The module also combines high-speed wireless connectivity with embedded multi-constellation and high-sensitivity GNSS (GPS, GLONASS and BeiDou) receiver for positioning.

Ashberry also provides voice, SMS, address book, Wi-Fi, BT. It supports the 13M 3D camera or the depth of field camera, which can be widely used in VR Camera, intelligent robot, video surveillance, security, automotive equipment, intelligent platform handheld terminals and other products.

Aheesa™ Ashberry is a validated platform and is backed with Aheesa™ warranty and guaranteed support. It shortens the product development cycle and helps OEMs to focus on core modules as the integrated platform is provided with a full ecosystem. OEMs can free themselves from OS porting, driver and base library incompatibility issues as Aheesa™ provides an end-to-end integrated platform with hardware, software, OS, libraries, drivers and tool-chain.

Applications

- Retail Automation
- IIoT and IoT applications
- Smart Home Applications
- Multi-input, multi-sensor data aggregation
- VR Camera
- Intelligent Robot
- Video Surveillance
- Smart City Applications
- Automotive Equipment
- Handheld terminals



Aheesa™ Ashberry



Specifications

Specifications	
Operating Temperature	-25°C ~ +75°C
Processor	Octa Core Cortex A53 64bit Processor
GPU	Adreno506 650MHz
RAM	2GB/3GB/4GB LPDDR3
Display	Dual screen display and dual touch Matrix: FHD: 1920*1200@60fps
LCM	1920×1200+1080p30 Miracast (optional)