

e-Cockpit System

To build up Human Machine Interface with Intuitive User Experience.



1 Instrument Cluster

- QNX/Linux
- Customized HMI



2 Optical Finger Navigation Module

- **5-way** control in one button
- Heartbeat sensing



3 Center Infotainment System

- Android OS
- Radio/Audio
- GPS with DR
- WiFi/BT
- Embedded Modem
- OTA
- Mobile link technology*
- HVAC/vehicle control
- Barge-in Voice Assistant*
- Multi-Finger Gesture control
- Driver Monitoring*
- Cloud Connectivity
- In-vehicle network(CAN/Ethernet)



4 Passenger Entertainment System

- Radio / Audio / Video media player
- Wifi / BT / USB / Micro SD
- Cruise info
- Seat/Vehicle comfort control

1 Instrument Cluster

2 Optical Finger Navigation Module

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4 Passenger Entertainment System



e-Cockpit System

	Entry	Mid	Premium
SOC	NXP i.MX8X Dual Core	NXP i.MX8X Quad Core	NXP i.MX8QuadMax Domain Controller on a Monolithic SOC
Software	QNX, Android, Linux	QNX, Android, Linux	QNX, Android, Linux
Memory	LPDDR4: 1GB SPI Flash: 32MB eMMC: 8GB	LPDDR4: 3GB SPI Flash: 32MB eMMC: 16GB	LPDDR4: 8GB SPI Flash: 64MB eMMC: 32GB
Network	CAN(HS/FD), LIN	CAN(HS/FD), LIN, 1000Base-T1 BroadR-Reach Ethernet	CAN(HS/FD), LIN, 1000Base-T1 BroadR-Reach Ethernet
Display	2x LVDS (1080P)	2x LVDS (1080P)	4x LVDS (1080P)
Feature	Cluster: Customized HMI IVI: Radio/Audio GPS WiFi/BT OTA	Cluster: Customized HMI IVI: Radio/Audio GPS with DR WiFi/BT OTA CP/AA HVAC Voice Command	Cluster: Customized HMI IVI: Radio/Audio GPS with DR WiFi/BT Embedded Modem OTA CP/AA HVAC Barge-in Voice Assistant Gesture Driver Monitoring
I/O	Speaker, USB, AUX In, Micro SD, LVDS, Camera, Mic, SWC		

