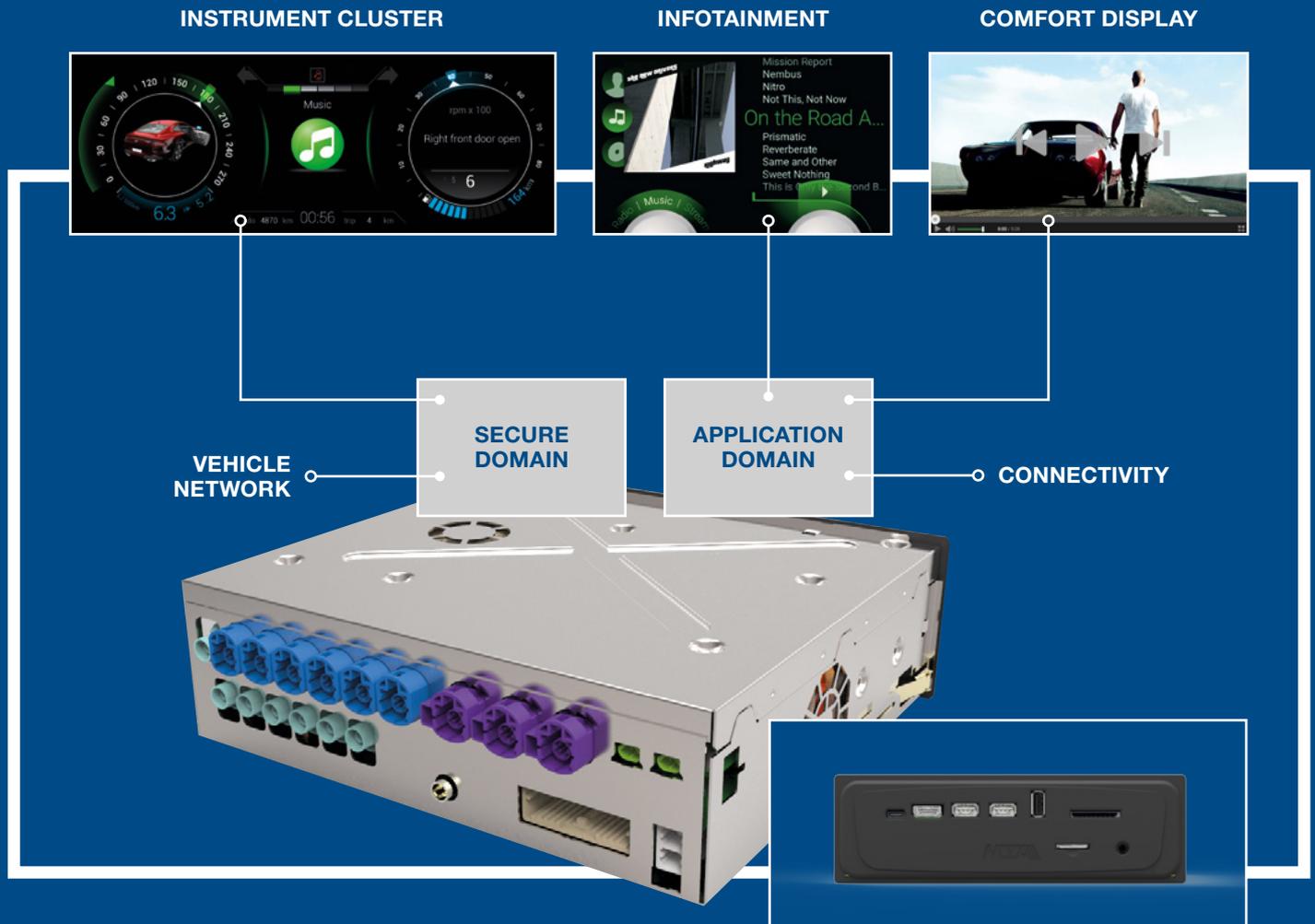


MULTI-DISPLAY IN-VEHICLE INFOTAINMENT



- Multi-display, single computer
- Drives up to 3 Full High Definition displays
- LINUX optimized for automotive
- AUTOSAR for vehicle network management
- Layered security architecture

- Latest features and updates over the air
- Fast boot time (less than 2 seconds)
- Support for smartphone integration
- Certifications: ISO/TS 16949, ISO 16750, FCC, CE, ROHS

GENERAL DEVICE CHARACTERISTICS

CPU

Texas Instrument Jacinto 6
Dual Cortex™ – A15
2 x Dual Cortex™ – M4
SGX 544 MP2 GPU
2 x C66x DSP

MEMORY

eMMC (up to 256 GB)
DDR3 (up to 4 GB)
NOR 128 MB

CONNECTIVITY

Bluetooth 4.1, WiFi (hotspot, internet connection sharing)
LTE – Internal SIM on chip
Analog and Digital Radio module (AM, FM, DAB, DAB+, DRM)
Diversity option available
MFI Apple authentication coprocessor chip
Positioning: GNSS with Automotive Dead Reckoning
(GLONASS, GPS/QZSS, BeiDou, Galileo ready)

PERIPHERALS

2 x CAN, 2 x LIN, analog / digital inputs / outputs
4 x USB connection with battery charging feature
3 x FPD-Link III digital video outputs (up to 1920x1080)
5 x FPD-Link III digital video inputs
1 x PAL / NTSC analog video inputs
2 x BroadR-Reach automotive ethernet
1 x mini SIM card slot
1 x SD card slot
1 x digital audio output for acoustic system
1 x stereo audio AUX IN
1 x audio / digital analog IN

HOUSING

1 DIN ISO 7736 / 75490
Active cooling

FUNCTIONALITIES

INSTRUMENT CLUSTER

Multi style / configurable graphics
Complex animations and 3D effects
Trip computer & typical IC algorithms
Vehicle diagnostic & car status
Telltales, warning messages & sounds
ISO 26262 safety features available
Infotainment mirroring
Notifications (vehicle, network, calls, SMS)
Menu & settings

INFOTAINMENT

Multimedia player
FM / AM – Digital Radio
Internet connection & streaming
Phone hands free
Contacts & favourites
Calls & text messages
Text to speech
Voice recognition
3rd party application support
Smartphone integration / mirroring

COMFORT

Climate, fan and temperature control
Rear and front windscreen defrost
Door lock / unlock
Parking assist
Front / rear view camera
Surround view camera

VARIOUS

Russian, Arabic, Chinese language support
Head-up display management
Multi touch / gesture support
Rotary knobs & virtual keyboard
E-call
Over the air updates

