

ATLAS

by SMART TV

STB

*A turnkey solution for
the best
Time-to-Market*



OUR STBs ARE DESIGNED TO BE ELEGANT,
INNOVATIVE, RELIABLE, ECO FRIENDLY,
SUSTAINABLE, COST EFFECTIVE.

KEY FEATURES



RDK 4.0



Main Audio/Video (A/V)
codecs supported incl. AV1
Main High Dynamic Range
(HDR) formats supported



Hybrid



NPU enables countless edge
computing AI applications

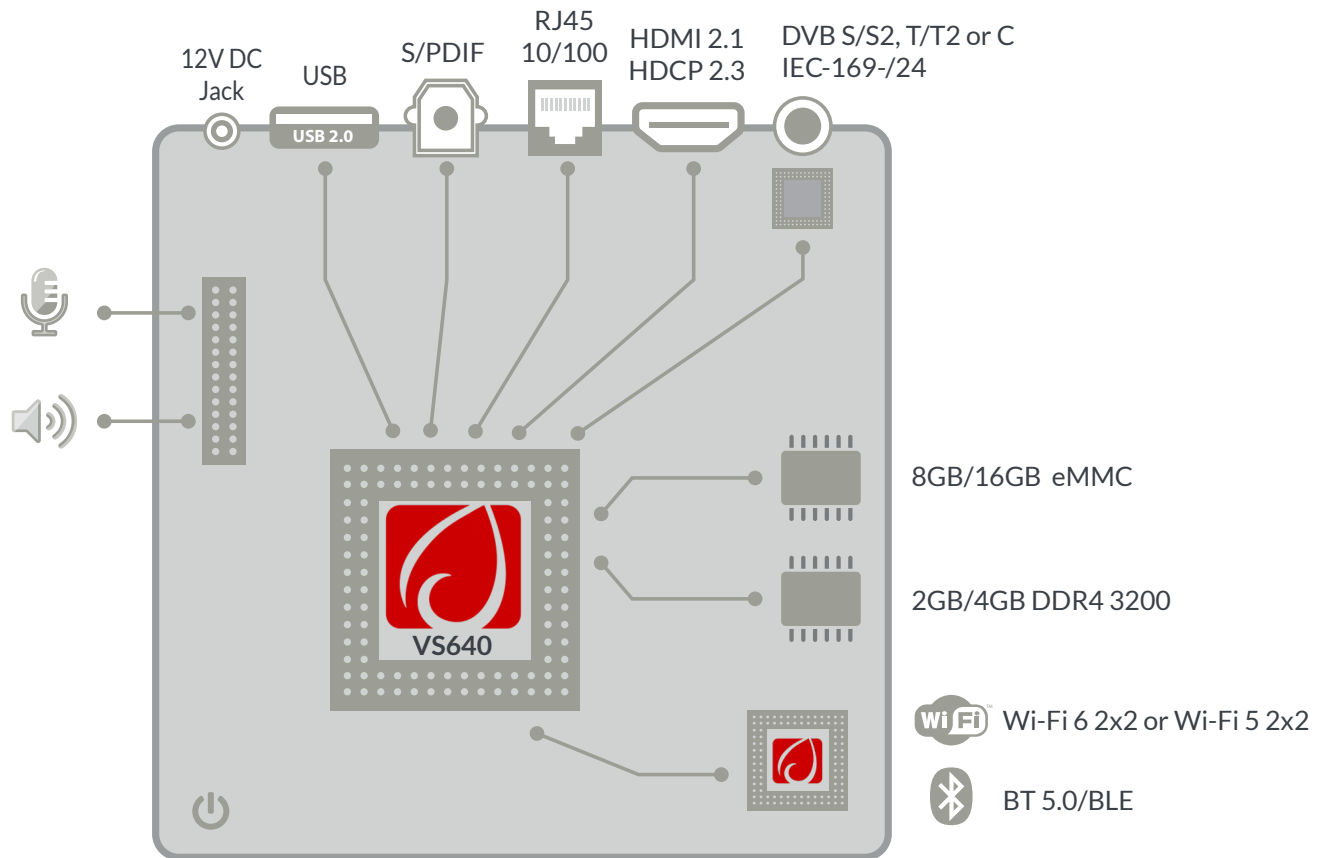


Best-In-Class Wi-Fi 6:
Secure, Reliable, Fast



Voice control

TECHNICAL GLOBAL OVERVIEW



Processor

- SoC: VideoSmart™ VS640
- CPU: Quad-Core Arm® Cortex®-A55 @1.9Ghz, up to 20k DMIPS
- GPU: Imagination™ PowerVR™ Series9XE GE9608, OpenGL® ES™ 3.2 / OpenCL™ 1.2 / Vulkan® 1.1
- NPU: 1.5 TOPS

Security requirements

- DRM : Widewine, PlayReady
- CAS: Irdeto, Synamedia, Nagra, Verimatrix
- HDCP 2.3 (on the HDMI output)

Middleware

- Software Solution: RDK-V 4.0 for Hybrid STB

Accessories

- RCU: BLE and voice control – *multiple models' options available*
- PSU : External Wall Plug, AC input 100-240V, 50-60Hz

User interactions

- LED: 1 x color LED
- Button: 1x Power-button

Operational Conditions

- Package : white gift box with color printing
- Serial : Separate SN in digits & barcode
- Operating temperature: 0°C to 45°C
- Storage: -10°C to 60°C
- Relative Humidity 95% (max) non-condensing



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