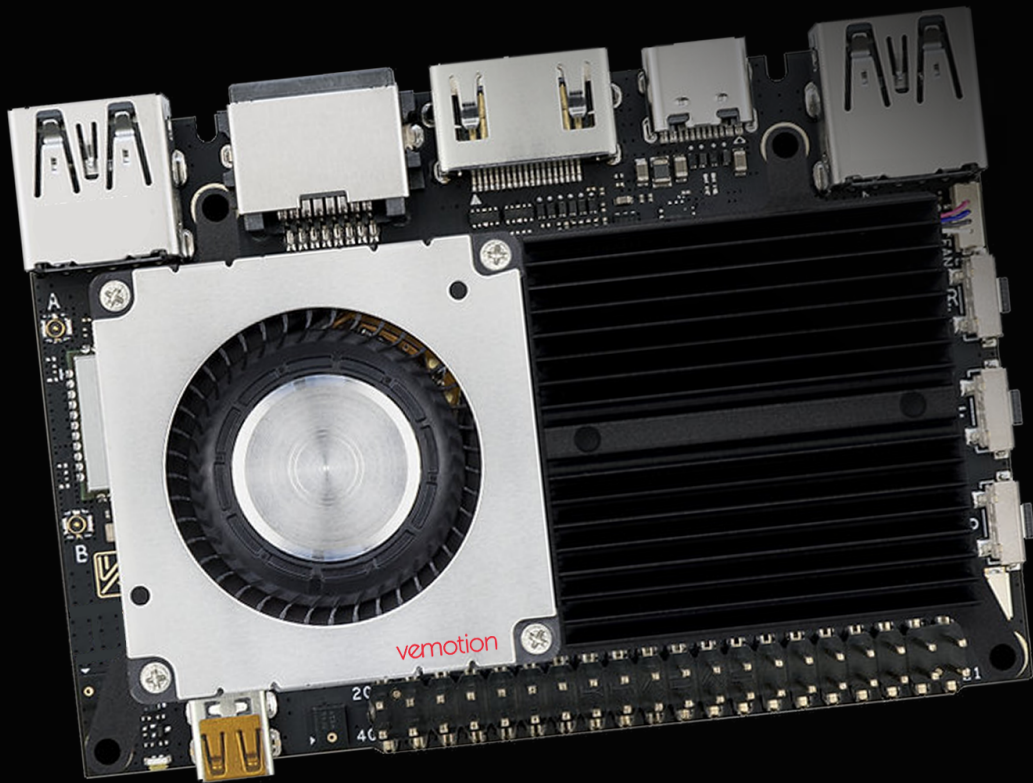


VB-OEM

Powerful Single Board Streaming Solution

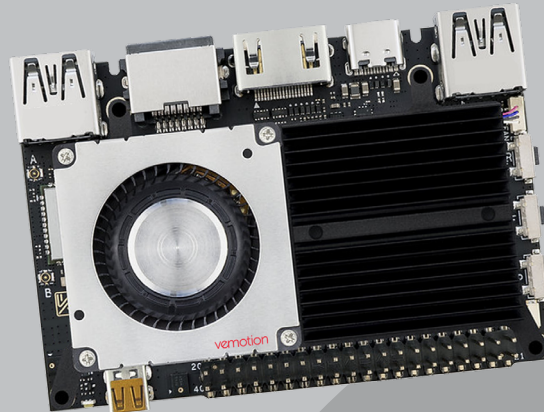


vemotion

More video, less bandwidth

VB-OEM

Powerful Single Board Streaming Solution



Designed for CCTV camera, networking and analytics manufacturers, and systems integrators wishing to add a high-performance, robust and reliable SBC streaming capability to their own product offerings, the Vemotion VB-OEM is a space efficient, multi-channel streaming and recording solution that supports analogue (via a USB capture card) and IP cameras.

The VB-OEM transmits video and audio over cellular, satellite, or wired networks, and when integrated into 3rd party video solutions, delivers efficient transmission over the most challenging of network conditions.

Perfect for installation where space is at a premium, the VB-OEM SBC board with powerful ARM Octa-core processor is equipped with Vemotion's latest Linux based real-time video encoding, on-board recording and transmission software.

The VB-OEM's powerful CPU enables the unit to encode multiple streams at high resolutions. It's equipped with Gb Ethernet for smoother video, especially when using 4K resolution cameras, and built-in WiFi to enable easy connectivity for local administration or retrieval of recordings.

A dedicated M.2 NVMe SSD slot for recordings enables higher storage capability for multiple cameras and higher (4K) resolutions. Its reduced physical footprint requires less space when integrating into hardware.

Customised software can be added to support systems for local management, including a local user interface for full-rate camera viewing and control, recorded playback.

Supporting full and independent remote control for each connected IP or analogue camera, Vemotion technology supports ONVIF cameras and can integrate any IP based video stream by incorporating the specific URL into the software.

The VB-OEM is 'plug & play', highly reliable and does not require any specialist SIM cards or expensive airtime contracts.

Key features:

- Powerful Octa-core CPU
- Up to 8 x Full HD streams input
- Up to 4 x Full HD streams output
- Gb Ethernet
- Built in WiFi
- Supports ONVIF integration
- Small footprint

Technical specification:

- 1 x USB-C
- 1 x USB 2
- 1 x USB 3
- 8Gb RAM
- 9v-20V power input
- Dedicated M.2 NVMe SSD slot for recordings
- Dedicated M.2 4G/5G modem slot
- Accessible Nano SIM slot