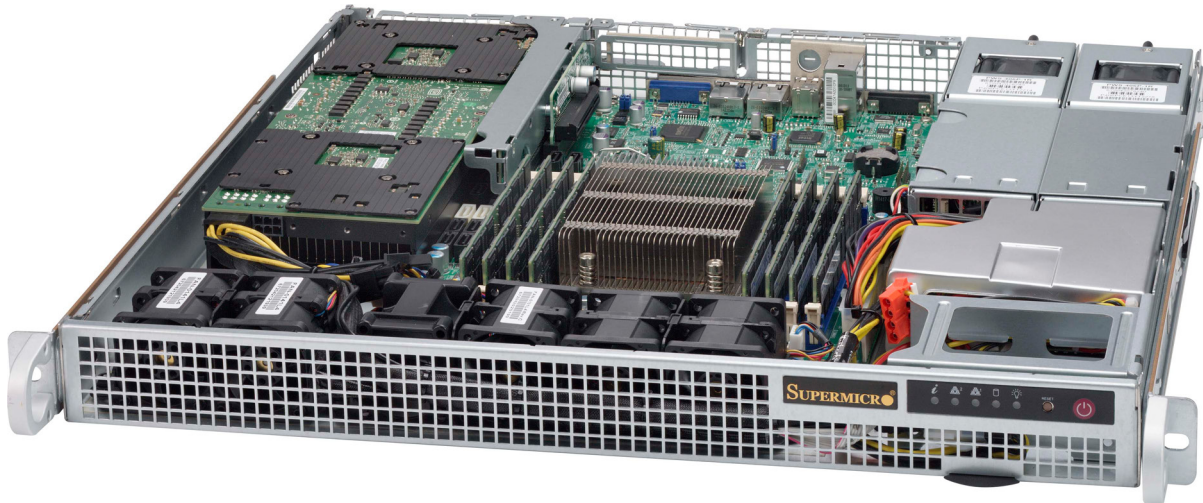




Interface conversion: SDI/IP, ASI/IP, DVB-S(2)/IP and Intercom



## Software based interface conversion apps

Running as software on standard IT hardware, the OBE SDI/IP, ASI/IP, DVB-S(2)/IP and Intercom apps allow for high density, low-cost conversion between legacy and future formats.

ASI/IP conversion app allows for simple conversion between IP and legacy ASI interfaces with unrivalled density.

DVB-S(2)/IP conversion app allows for large scale reception of satellite feeds with BISS decryption.

Additionally, support for SMPTE 2022-6 and 2110 aids in deploying the OBE SDI/IP converter app in ultra-high densities.

The Intercom app allows for low-latency voice circuits to be provisioned using existing hardware.

All Open Broadcast Systems' apps can be run in a single chassis on a single machine allowing infrastructure to be based on multi-purpose broadcast compute resources instead of single-function black-boxes. This allows customers to take advantage of economies-of-scale in the IT industry and deploy resources quickly and flexibly. A single server can perform the same job as dozens of separate devices

The use of software allows for easy field-upgrades to enhance functionality without purchasing new hardware.





## TECHNICAL SPECIFICATIONS

### SDI/IP Processing

#### SDI TO IP APP

- HD-SDI input
- SMPTE 2022-6 and 2110 output

#### IP CONVERSION APP

- Conversion between 2022-6 and 2110

#### IP TO SDI APP

- SMPTE 2022-6 and TR-03 input
- HD-SDI output

### ASI/IP Processing

#### ASI TO IP APP

- DVB-ASI Input
- UDP/RTP Output

#### IP TO ASI APP

- UDP/RTP Input
- DVB-ASI Output

### DVB/IP Processing

#### DVB TO IP APP

- DVB-S(2) Input
- BISS Decryption
- UDP/RTP output

### Intercom

#### AUDIO TO IP APP

- Analogue input
- Opus in RTP output

#### IP TO AUDIO APP

- Opus in RTP input
- Analogue output

