

# Characteristics



## APPLICATIONS

- High DataRate TeleMetry - Up to 100 Mbps
- 2 years lifetime LEO missions
- Observation & Scientific payloads, Experimentation, ...
- DVB-S2

## BENEFITS & KEY FEATURES

- Qualified COTS in a miniature design
- Cubesat form factor / PC 104
- Link budget optimisation, by in-flight configuration
- Option: S band Telecommand receiver
- Low consumption & high-efficiency amplifier
- ITAR Free

## QUALITY & RELIABILITY

- Radiation tested & hardened
- Functional, Mechanical, Thermal & EMC tests
- Smart protections against SEL

## HERITAGE / TRL 9

- > 20 20 units commissioned for build & launch 2016/2017/...
- GOMX-3, ESA-Gomspace (2015)
- OHB group (2017)
- EYE-SAT, CNES (2017)
- OPS-SAT, ESA (2018)
- HawkEye 360 (2017/2018)
- Others : EU, USA, CANADA & ASIA, upon request (2017, ...)
- Based on EWC28 family XBT series inflight proven (2013)

## NETWORKS

- CCSDS, Spaceflight Industries, KSAT, NEN\*, Atlas, RBC Signals, ...
- Zodiac Data Systems, Kratos / RT Logic, ...