NANOLAB

VOYAGER

KEY FEATURES

- **12U** payload total **volume**:
  - **1U** up to **4x2U** (40 x 20 x 20 cm)
  - non-standard geometry accommodated with **custom** fittings
- Power up **to 7.5W** per payload:
  - 5 VDC @ 5 A
  - 12 VDC @ 3 A
- **USB 2.0/3.0** data interfaces
- Specific thermal constraints capabilities:
  - Cryogenic
  - High precision thermal environment
- 30 days of **on-orbit operations support**
- **Return** to Earth granted

PLATFROM OVERVIEW

NanoLabs are at the core of our philosophy: low-cost, open sourced, standardized, miniaturized hardware that allows you to **focus more on the research** rather than re-inventing the hardware 'wheel" each time. The NanoLabs are housed within the proprietary **Nanode**, a **cutting-edge interface platform** that supports the integration of multiple scientific payloads into the International Space Station (ISS).
The Nanode is housed within an **ISS EXPRESS rack**, offering flexible accommodations for payloads while meeting NASA's stringent safety and operational requirements.

APPLICATIONS

- ✓ Research in microgravity
- ✓ Technology demonstration & proof-of-concept
- ✓ Materials and computing
- ✓ Physical and life sciences
- ✓ Pharmaceutical, food, and biotechnology research
- ✓ Protein crystal growth
- ✓ Plant grow chambers
- ✓ Educational programs

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