



NG InSight™ Open System Processor

An ecosystem of scalable solutions ranging from hardware to software that can work together or can independently integrate with third parties, giving our customers flexibility to tailor solutions based on mission needs. These solutions enable seamless connectivity, protection and faster decision-making delivered with reliability, affordability and at mission speed.

Key Features

Modular Open Systems Approach

- OMS UCI 2.0, 3U OpenVPX and SOSA compliant
- Agile Mission Suite-Government Reference Architecture (AMS-GRA).
- Open architecture design across entire ecosystem of solutions
- Digital twin and containerization to reduce cost and accelerate new capabilities
- Rapid integration with 3rd party hardware and software

Mission-Focused

- Built-in redundancy and secure processing for complex and highly contested environments
- Dynamic reprogramming without replacing hardware

Platform-Conscious

- Adaptable – scalable and configurable for any platform
- Significant SWaP reduction for multi-domain capabilities
- Multi-level secure data sharing
- Designed to operate in air, ground, sea and space environments with air- and liquid-cooled variants

Capabilities

- Line-of-sight communications
 - MADL
 - Link 16
 - Direct line-of-sight communications (DLOS)
- Beyond line-of-sight communications (BLOS)
 - Hybrid military and commercial SATCOM
- Networking
 - Content routing
 - Remote command and control
 - System control and status
 - Mission-aware AI/ML orchestrator
- Crypto in certification
- Signals intelligence (SIGINT)
 - COMINT
 - ELINT
 - FISINT
- Non-kinetics effects
 - Offensive and defensive cyber operations (OCO/DCO)
 - Cyber security



SWaP Specifications*

- Size: 16" x 15" x 8"
(41 cm x 38 cm x 20 cm)
- Weight: 45 lbs
(20.5 KG)
- Power: 850 W
- Cooling: Liquid-cooled shown, air-cooled also available

* Size, weight and power are dependent on chassis type and configuration.

**For more information,
please contact:**
northropgrumman.com/insight