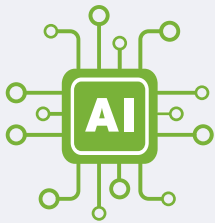


TRAX-15

**AI ENABLED**

IDEAL APPLICATIONS

- Video Surveillance & Security
- Smart City
- Autonomous Transportation
- Robotics
- Construction & Mining
- Defence & Public Infrastructure
- Agriculture

**EMPOWERED BY**
HAILO

PRODUCT HIGHLIGHTS

- ④ High performance rugged computing with modular architecture
- ④ Ultimate flexibility:
 - Expansion for GSP, memory, & wireless interfaces
 - COMe Type 6 for processor optimization (x86, ARM, etc.)
 - Two form factor options
- ④ Up to 5 Hailo-8 AI Accelerators providing up to 130 TOPS of AI processing performance (TRAX.ai-15)
- ④ 5-40 HD 1080P cameras dependent on fps requirements
- ④ Available industrial form factor with fan-based cooling



FEATURES

OPERATING SYSTEM	Windows IOT, Ubuntu 20.04
PROCESSOR	Multiple 11th generation Intel processor options including Core i3, i5, i7, and XEON with 4 to 8 cores @ up to 2.6GHz
MEMORY	3x SODIMMS up to 128GB DDR4 (3200 MHz)
GRAPHICS & STORAGE EXPANSION SLOTS	Up to five (5) x4 PCIe 3.0 expansion slots for Hailo-8 Accelerators. Each providing 26 TOPS in under 5W TDP per chip Up to 1TB via M.2 (SATA 3) memory slot in S30, S42 or S80 formats
WIRELESS CONNECTIVITY	Optional: WiFi 802.11 a/b/g/n/ac Optional: GSM/GPRS/LTE Cellular Support Optional: 72 Channel Engine Concurrent, Multi-GNSS: GPS, GLONASS, GALILEO, QZSS, SBAS
POWER REQUIREMENT	MIL-STD-1275, MIL-STD 461, 18 to 36V (200W max)
MECHANICAL	Two form factors, with dimensions of (H x W x D): Fan-cooled 2.0" x 8" x 13.3" Conduction-cooled 3.6" x 9.9" x 11.9"
ENVIRONMENTAL	Operating temp.: -40°C to 70°C Storage temp.: -40°C to 85°C
I/O	Up to Four (4) 1GbE Ethernet Ports Four (4) USB 3.1 Gen 2 (10G) One (1) HDMI port
COMPLIANCE	RoHS, WEE, CE, FCC

ORDERING INFORMATION

Contact us at 855.365.2188 or visit jsquared.com/general-inquiries to begin the ordering process.

