



ASISGUARD



ASISGUARD

About Us

ASISGUARD has high-end engineering capabilities through which the company has developed national and domestic critical solutions, some of which are the first in our country, with Electro-Optical Sight and Border Security Systems, Military Vehicle Electronics Systems, Rotary Wing Armed/Unarmed Drone Systems, Screen System solutions. All systems of ASISGUARD™ such as original hardware design, embedded software design, system engineering are performed by experts in their respective fields and delivered to the end user.

ASISGUARD, with the expertise to design and revise projects and solutions according to customer demands, and to keep the technologies and products it has developed up-to-date; the company has developed a cutting-edge specialization to design image stabilization, moving object tracking, object recognition and classification algorithms by using artificial intelligence and big data technologies.

ASISGUARD, Offering many domestic and national products in the field of defense to Türkiye, NATO and allied countries; constantly considers the needs and satisfaction of internal and external stakeholders, aims to develop its technological and engineering competence and to direct the technologies of the future.

Mission

To contribute to the strengthening of the Turkish Defense Industry with innovative technology and military solutions, to share the developed products and systems with allied countries.

Vision

To become a leading global brand by creating local and global solutions with high value-added critical technologies.

Our untiring soldiers and law-enforcement forces who put their lives at risk without a second thought have the utmost importance for us. Therefore, we take on the mantle of guardian angel for our army and law enforcement agencies via our domestically and nationally developed technology.

*Sınırların Ötesinde Teknoloji
Technology Beyond Borders*

ARTIFICIAL INTELLIGENCE COMPUTER

Artificial Intelligence Computer (AIC), featuring an 8-core processor and 30 TOPS of artificial intelligence performance, is designed to manage and control military and civilian applications through advanced AI-based solutions. It excels in handling and interpreting large, complex data sets, self-correcting, and effectively analyzing intricate processes at speeds surpassing human capabilities.

Equipped with a temperature and humidity sensor, the AIC system continuously monitors environmental conditions to ensure optimal operation under variable conditions. It supports multiple communication interfaces including RS232/422/485, CANBUS, Gbit Ethernet, USB2.0, and I2C BUS. Storage options include 32GB 256-bit LPDDR4x RAM, 8GB eMMC 5.1, EEPROM, NVMe SSD M.2, and MicroSD card support up to 128 GB.

AREAS OF USE

- Manned/unmanned land and sea vehicles
- Military and civil systems



GENERAL FEATURES

Accessories

Carry Case

TECHNICAL FEATURES

General Features

30 TOPS AI Performance

8-Core Processor

32GB 256-bit LPDDR4x RAM

8GB eMMC 5.1

2 pcs. EEPROM

NVMe SSD, M.2

MircoSD Input

Elapsed Time Counter (ETC)

Digital Temp.-Humidity Sensor

Reverse Voltage Protected

Other Interfaces

4 pcs GPIO

HDMI

Microphone

Headphones

7 SDI Video Interfaces Configurable as Input and Output

Communication Interfaces

2 software selectable RS232/422/485

2 pcs CANBUS

5 pcs Gbit Ethernet

2 pcs USB2.0

I2C BUS

System Features

Op. Temperature: -40°C, +55°C

Storage Temperature: -40°C, +80°C

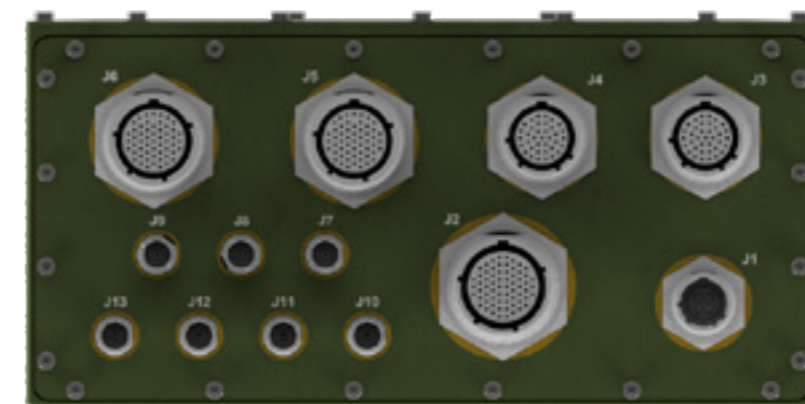
Protection Level: IP67

Environmental Conditions Standard:
Compliant with MIL-STD-810

Voltage Protection: Compliant with
MIL-STD-1275

Operating Voltage: 18-36VDC

Insulation Voltage: >1kV





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 **ASISGUARD**

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