ABOUT CLUE

We research, develop and build embedded computing and semiconductor technologies for safety-critical applications, and manufacture innovative electronic systems for the aerospace industry.

Expertise

We provide hardware and software engineering based on the most relevant semiconductor technologies such as System-On-Chips, Multicore CPUs, General Purpose GPUs, AI Accelerators, and FPGA IPs.

Quality

We have implemented the highest quality standards in all our processes. Clue is an EN-9100 and ISO-9001 certified company.

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WittyBox™ Family

The world's most powerful series of general-purpose avionic computers.
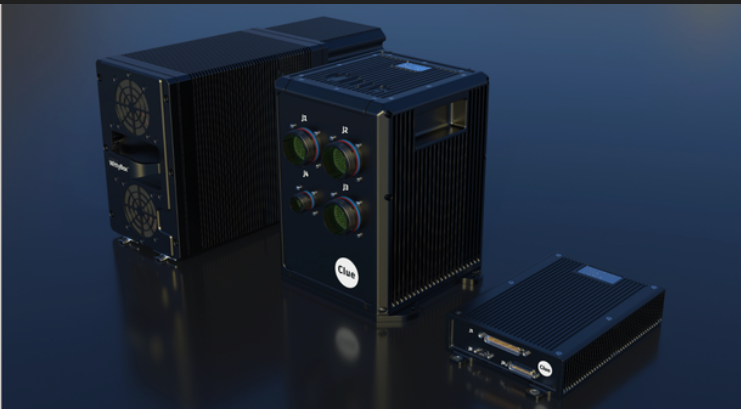
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WittyBox™ Family

What is it

The WittyBox™ systems are computing platforms pioneers in the industry thanks to its performance, size, weight, power consumption and cost, based on a modular architecture with pre-certified aerospace standards.
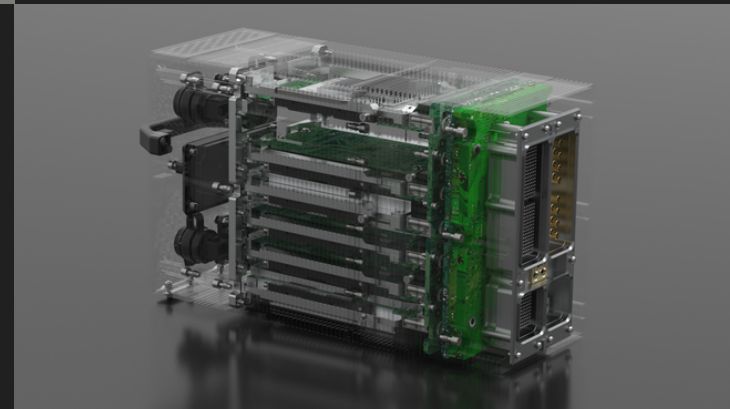
Mission systems

The WittyBox™ family stands out for its enormous computing power, very compact and modular form factors, and the ease of providing evidence of development up to very strict certification levels.

Technology

WittyBox™ is designed to support software development, test and production users to use the same process regardless of the platform selected. WittyBox™ standard libraries, drivers, tools and technical support are offered for all projects.

WittyBox™ owns agnostics interfaces, so the same interface is used regardless of the physical device and the interface protocol used. This way, the network protocol used does not have to be changed or updated when a new device or platform is introduced to the system. Both solutions can be exchanged without the need to update the network. WittyBox™ systems support the most common avionic interfaces.

Application fields

WittyBox™ offers an extensive portfolio of pre-certified hardware and software modules to set up virtually any of the avionic computer configuration based on the most common industry standards.

Modular by design

WittyBox™ includes a series of CoTS WittyBox™ modules, such as WittyCore™ processing boards, WittyGraph™ GPGPUs, WittyDisk™ solid state disks and the Martillo Series Chassis. Additionally, these CoTS modules are complemented by custom modules adapted from Clue CoTS products.