

A complete offer for your embedded applications

SWaP requirements to meet the needs of an increasingly demanding defense market, we provide powerful devices in a small form factor: they satisfy the requirements in terms of Size, Weight and Power (SWaP) for embedded applications.

Portable and scalable applications our systems are easily configurable for any field applications: they can be adapted according to the needs and scaled to preserve efficiency anytime, anywhere.

Suitability for harsh environments our systems are designed for very rugged applications and to perform in environmental conditions, e.g. extreme temperatures and dusty contexts.

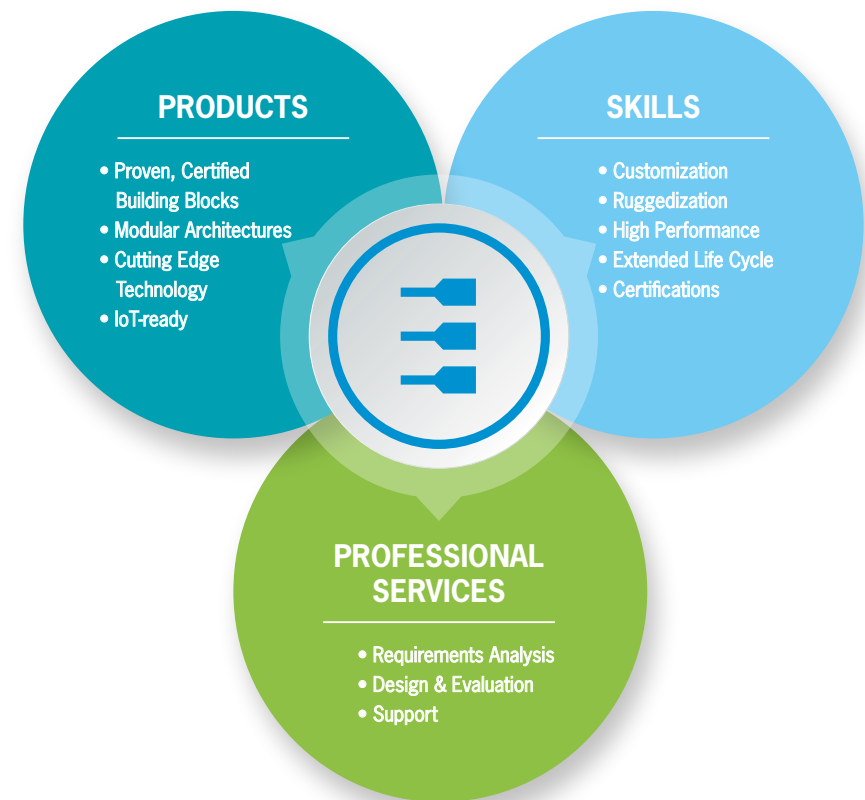


High computational performances

We provide extremely powerful devices with an innovative liquid cooling system which makes them ideal for rugged applications: they are designed to perform in very difficult environmental conditions with a very low power consumption.

Our High Performance Embedded Computers (HPEC) are:

- Powerful** - Enhance your field applications with extremely high computational performances
- Compact** - Small size for easy field-deployed applications
- Energy-efficient** - Record holders in energy efficiency
- Scalable and reliable** - Modularity and flexibility to be easily adapted to any applications; the rugged design and liquid cooling system ensure very reliable performances.



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DEFENSE SOLUTIONS

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Defense

Eurotech is a global company that designs and develops hardware and software and combines them with its professional services and expertise to deliver embedded computing platforms and sub-systems, ready-to-use devices and high performance computers to market, addressing the defense, transportation and industrial segments.

In the defense segment, Eurotech serves a large, diverse group of military and commercial prime and subcontractors providing intelligent, rugged and ruggedized computing and communications electronics for harsh field environments, like those typical of military, aeronautics, transportation, energy and telecommunications applications. Because of the broad applications for embedded computing technology, Eurotech's products can be found on land, air, and sea, performing system monitoring, datalogging, diagnostics, communication, and avionics subsystem control. Typical customers outsource their complete computer hardware and embedded software platform to Eurotech.

Eurotech's Commercial-Off-The-Shelf (COTS) tactical mission processors, network routers, Ethernet switches and embedded board-level products provide highly reliable command, control, computing and communication (C4) capabilities for situational awareness and mobile data processing in airborne, ground vehicle, and shipboard deployments.

Eurotech also specializes in the rapid design and manufacturing of rugged embedded computing and communication subsystems for Size, Weight, and Power (SWaP).

Product Selection

Our products are designed to address the challenges of digitalization in embedded applications under extreme conditions. We provide autonomous field-deployed systems that ensure reliable performances and real-time situational awareness.

Edge Computers



BoltGATE 20-25

Rugged Edge Computer



- Intel Atom E38xx Processor Family
- 4GB RAM, 8GB eMMC
- Removable 2.5" SATA SSD/HDD
- Large Number of Communication and I/O Interfaces
- Fanless, with Wide Range Operating Temperature



BoltCOR 30-17

Rugged Fanless 1U 19" Server



- CPU choice: Intel Core I 6th Gen. and Xeon-D
- Fanless and Ventless
- Short Depth 19" 1U Rack Mount
- Internal mSATA, Fixed or Removable 2.5" SSD/HDD Disks
- Dual Gb Ethernet, Cellular Modems with dual SIM
- Wide Range Operating Temperature



DynaCOR 10-00

Rugged Mobile Computer



- Based on Intel® Atom™
- Built-in GPS
- WiFi, 3G, Gigabit Ethernet
- Wide Range Power Supply
- Removable microSDHC Card Slot for Data Storage
- Fanless, with Wide Range Operating Temperature

Routers



BoltMAR 20-11

Rugged Mobile Access Router



- Cisco IOS 5921 Embedded Services Router
- Cellular Modem with Carrier Pre-certifications
- GPS with Dead Reckoning
- Radio-aware-routing (RAR)
- Wide Range Operating Temperature



BoltMAR 20-28

High End Rugged Mobile Access Router



- High End Version
- Cisco IOS 5921 Embedded Services Router
- Dual Cellular with Carrier Pre-certifications
- GPS with Dead Reckoning
- Radio-aware-routing (RAR)
- Long-term Availability

Commercial Off-the-Shelf Products

Tactical Sub-Systems

High Performance Embedded Computers

Single Board Computers

Boards



CPU-523-13

NXP i.Mx6 Rugged Pico-ITX SBC

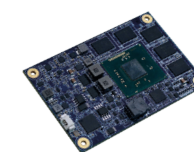
- Up to Quad Core
- NXP i.MX 6 - ARM Cortex A9
- Dual Ethernet, miniPCIe, SATA, SD
- Wide Range Power In
- Fanless, with Wide Range Operating Temperature



Catalyst BT

Intel Atom: Rugged SFF Module

- Small Form Factor (67x100mm)
- Intel Atom™ E3800 Series SoC
- Reliable: ECC RAM, Conformal Coating, All Soldered
- Fanless, -40 to +85°C Operating Temperature
- Cloud Ready



CPU-163-15

Intel Atom: Rugged COM Express Type 10

- Fully Compliant with PICMG R2.1, Mini Type 10
- Intel Atom™ E3800 Series SoC
- Reliable: ECC RAM, Conformal Coating, All Soldered
- Fanless, -40 to +85°C Operating Temperature
- Cloud Ready



CPU-161-17

Intel Core i3,5,7 and Celeron: Rugged COM Express Type 6

- Fully Compliant with PICMG R2.1, Compact Type 6
- Dual Core 6th Generation Intel Core 6xxxU Series
- Low Power: only 15W TDP
- Reliable: Conformal Coating, Soldered CPU
- Fanless, -40 to +85°C Operating Temperature



CPU-161-18

Intel Xeon D: Rugged COM Express Type 6

- Fully Compliant with PICMG R2.1, Compact Type 6
- HPEC with up to 12 Cores
- Low Power: only 20W TDP (quad core)
- Reliable: Conformal Coating, Soldered CPU
- Fanless, -40 to +85°C Operating Temperature



CPU-162-22

Intel Core i3,5,7 and Celeron: Rugged COM Express Type 6

- Fully Compliant with PICMG R2.1, Basic Type 6
- Quad Core 6th Generation Intel Core 6xxxEQ Series
- Low Power: only 25W TDP
- Reliable: Conformal Coating, Soldered CPU
- Fanless, -40 to +85°C Operating Temperature



CPU-521-17

Intel Core i3,5,7 and Celeron: Rugged Mini-ITX SBC

- Low Profile, with mPCIe/mSATA and SIM Support
- Dual Core 6th Generation Intel Core 6xxxU Series
- Low Power: only 15W TDP
- Reliable: Conformal Coating, Soldered CPU
- Fanless, -20 to +70°C Operating Temperature