

ELE.SI.A.

I nostri principali partners

ELE.SI.A. S.p.A - Elettronica e Sistemi per Automazione



Elesia



“Your *Partner* for your state of the art *Solution*”

Elesia è stata fondata a Roma nel 1991 grazie all'unione di un team di managers con più di 20 anni di esperienza nel campo militare, elettronico e della ricerca.

Elesia è leader nella fornitura di soluzioni tecnologiche per applicazioni real-time and mission-critical, in particolare nei settori Difesa, Aerospaziale, Trasporti, Telecomunicazioni, Automazione industriale e Robotica.

I punti di forza di **Elesia** :

- Distribuzione ed integrazione di prodotti COTS
- Progettazione di meccaniche in materiali standard e compositi
- Sviluppo di soluzioni Hi-Tech
- Ingegneria Software e Hardware
- Installazione e manutenzione





Elesia



Prodotti in Composite Carbon Fiber Technology

- Console multifunzione, Rack, Shelter

Caratteristiche estreme di robustezza e leggerezza



ELE.SI.A.

MIL-STD



Moduli e Sistemi

- CompactPci®
- CompactPci® PlusIO
(PICMG® 2.30)
- CompactPci® Serial
(PICMG® CPCI-S.0)
- XMC e PMC

Qualità e Prestazioni
Modularità e Flessibilità





CompactPci[®] goes serial



CompactPCI[®] Serial

CompactPCI[®] Migration Path



CompactPCI[®] Classic
EKF Series C**
PICMG[®] 2.0

www.ekf.com/c/pci.html

Parallel Backplane
Total Bandwidth
133MByte/s
(32-bit 33.3MHz PCI)
J1=PCI J2=User I/O

CompactPCI[®] PlusIO
EKF Series P**
PICMG[®] 2.30

www.ekf.com/p/plus.html

J2 Serial
4xPCIe 2x1/10GE
4xSATA 4xUSB



J1 Parallel
PCI

CompactPCI[®] Serial
EKF Series S**
PICMG[®] CPCI-S 0

www.ekf.com/s/serial.html

Serial Backplane
Up to 40 xPCIe 4 x1/10GE
8x SATA 4x USB2 03.0
Connectors: P1-P6

J2 is a High Speed Signal UHM Connector
Usage for RIO or CPCI Serial Backplane



“Reliable Solutions for Harsh Environment and Mission Critical Applications”

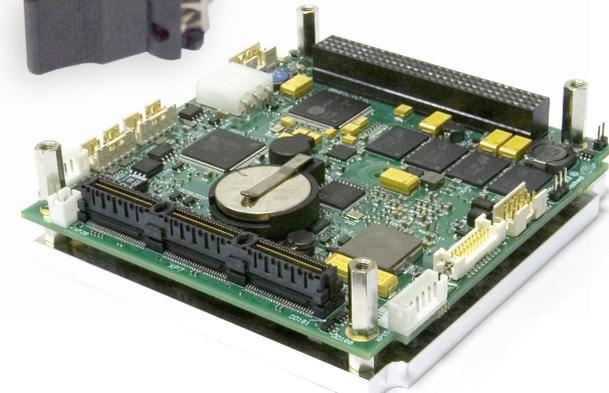
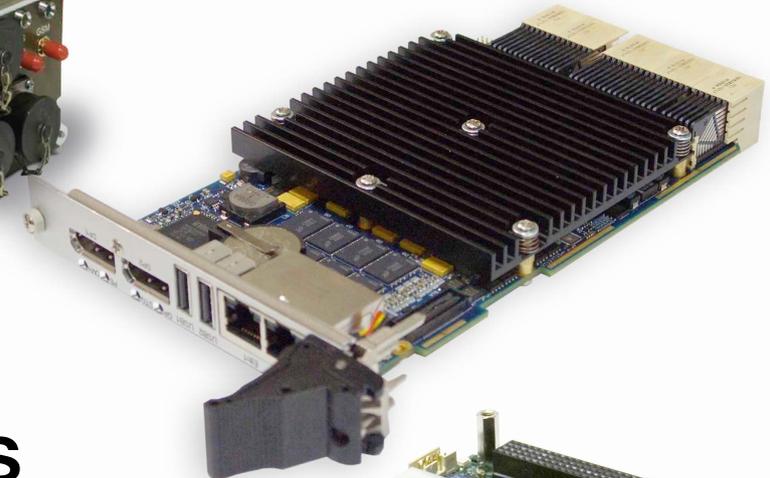
Moduli e Sistemi

- VME
- CompactPCI
- PC-104
- Embedded Modules
(EPIC, 3,5”, COM, MicroPC, miniITX)
- Industrial Box and Panel Pcs

Range esteso di temperatura



Fastwel
Creating the Future!



Soluzioni embedded per ambienti critici

- Moduli CPU ad alte prestazioni PICMG® PCI Express
- Industrial computer



Elevate prestazioni

Specifiche ambientali estese – certificazioni MIL

Configurazione secondo le specifiche del cliente



Fully rugged solutions

- Applicazioni estreme
- Server
- Embedded computers
- Sistemi custom

Requisiti ambientali critici

Specifiche MIL

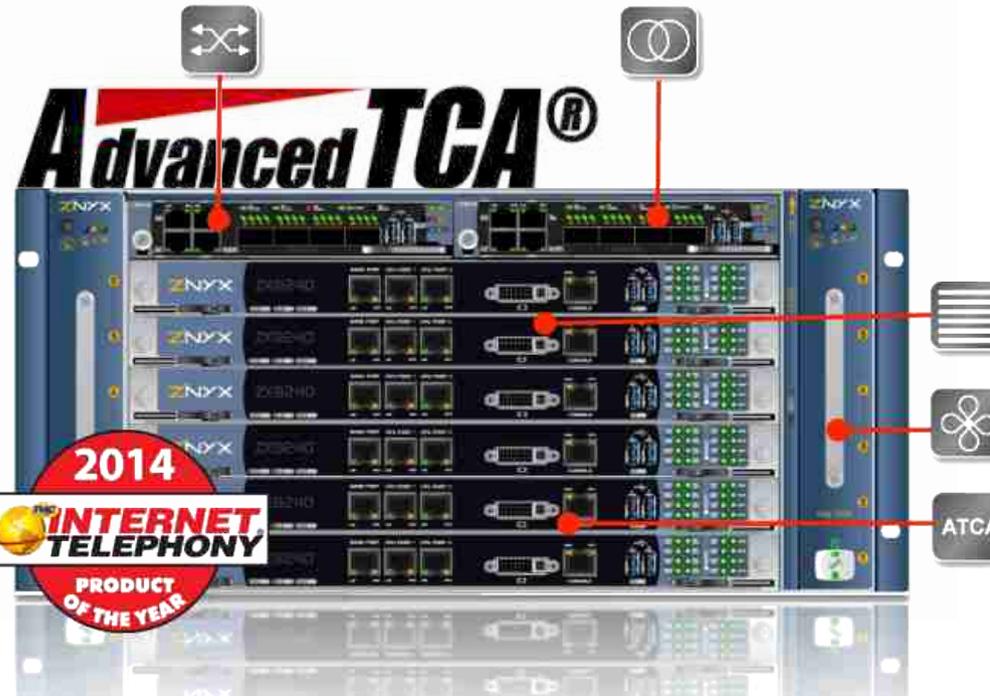
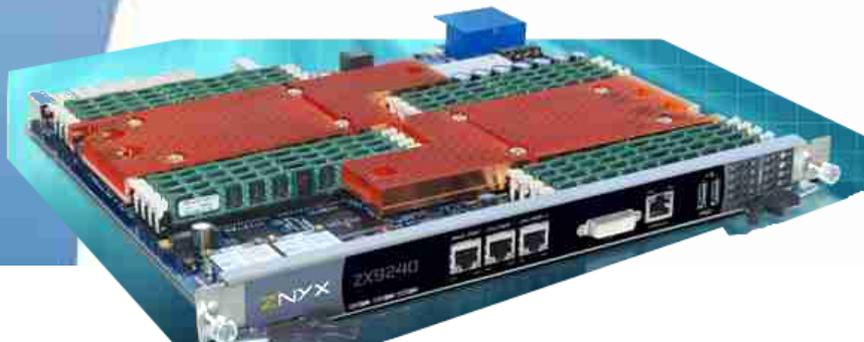


CompactPCI[®] e AdvancedTCA[®] 40G

- Platforms
- Compute Blades
- Ethernet Switches



For High Availability applications in Carrier Grade environments





CURTISS-WRIGHT Defense Solutions

Leader nel campo dei moduli e sistemi COTS

- Rugged Products
- Continuum™ Lifecycle Services
- Open Architectures

**CURTISS -
WRIGHT**

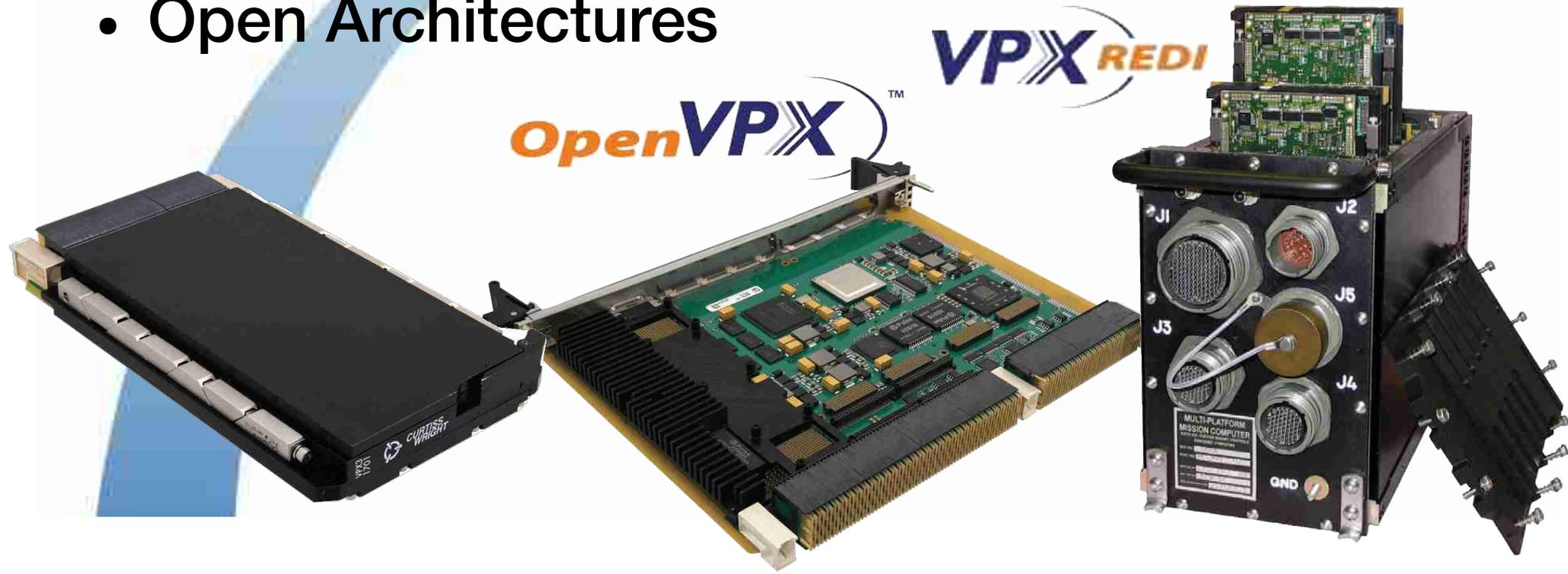
CompactPCI®



VPX™

VPX REDI

OpenVPX™





Soluzioni di embedded computing

→ *industria, trasporti, difesa e infotainment* ←

- Computer-on-Modules
- Open Architecture Modules
- Systems and Platforms

CompactPCI[®] Serial

VPX[™]

VMEbus[™]
Technology

μTCA[®] **Advanced TCA[®]**

CompactPCI[®]



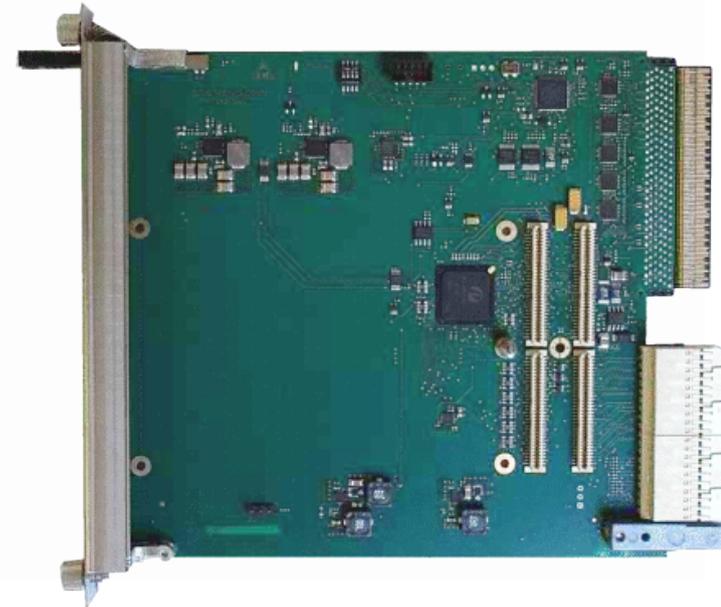
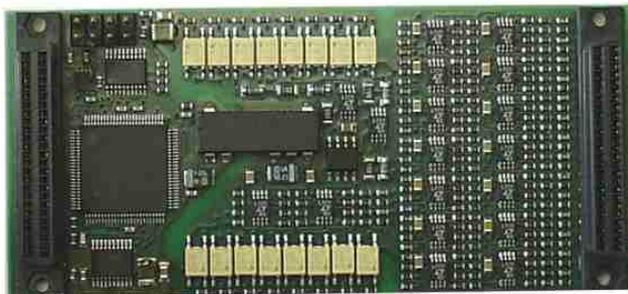
Soluzioni di I/O in tutti i formati embedded

- Moduli XMC, PMC, IndustryPack
- Moduli FMC
- Carrier compactPCI, PCI, PCIe, VME, AMC

Moduli FPGA programmabili



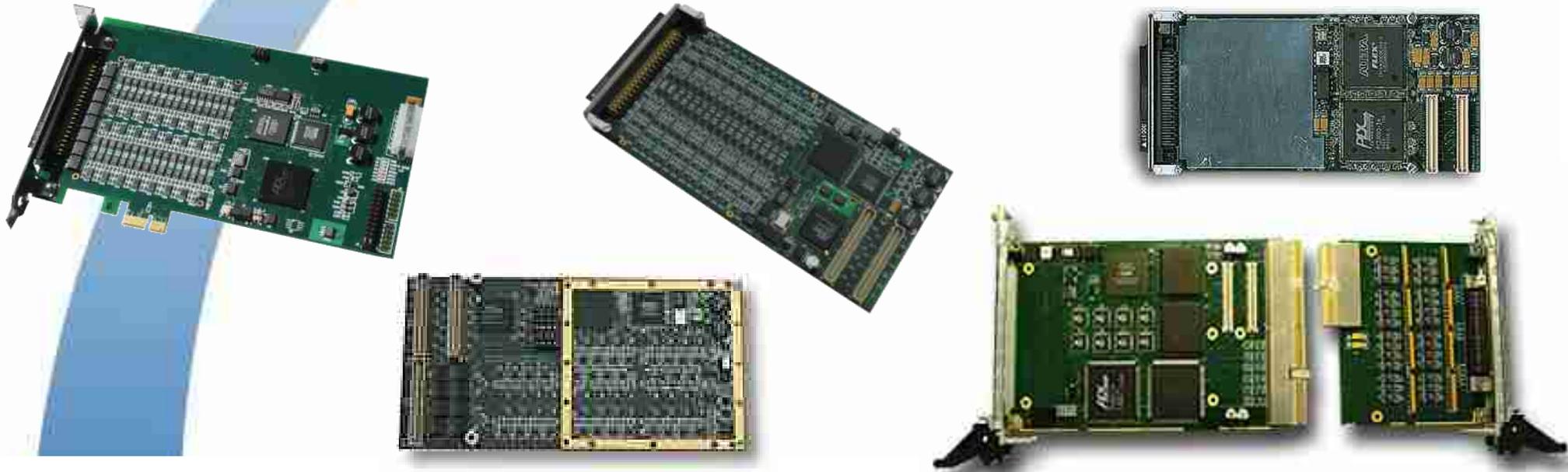
TEWS
TECHNOLOGIES



Soluzioni di I/O ad alte prestazioni

- I/O analogici, digitali e seriali
- Estesa varietà di formati per applicazioni embedded

General Standards Corporation



Moduli di I/O, I/O remoto e distribuito
Computer Industriali, I/O server
Embedded RISC, HMI Computers

SEALEVEL®



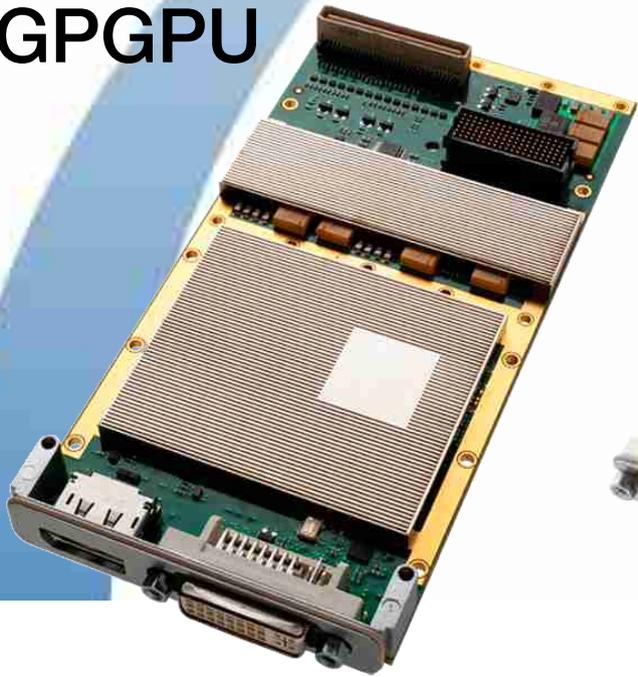


Embedded graphics e Video Products

Moduli XMC

- Graphics
- Video capture
- Video processing
- GPGPU

Tech Source
An EIZO Group Company



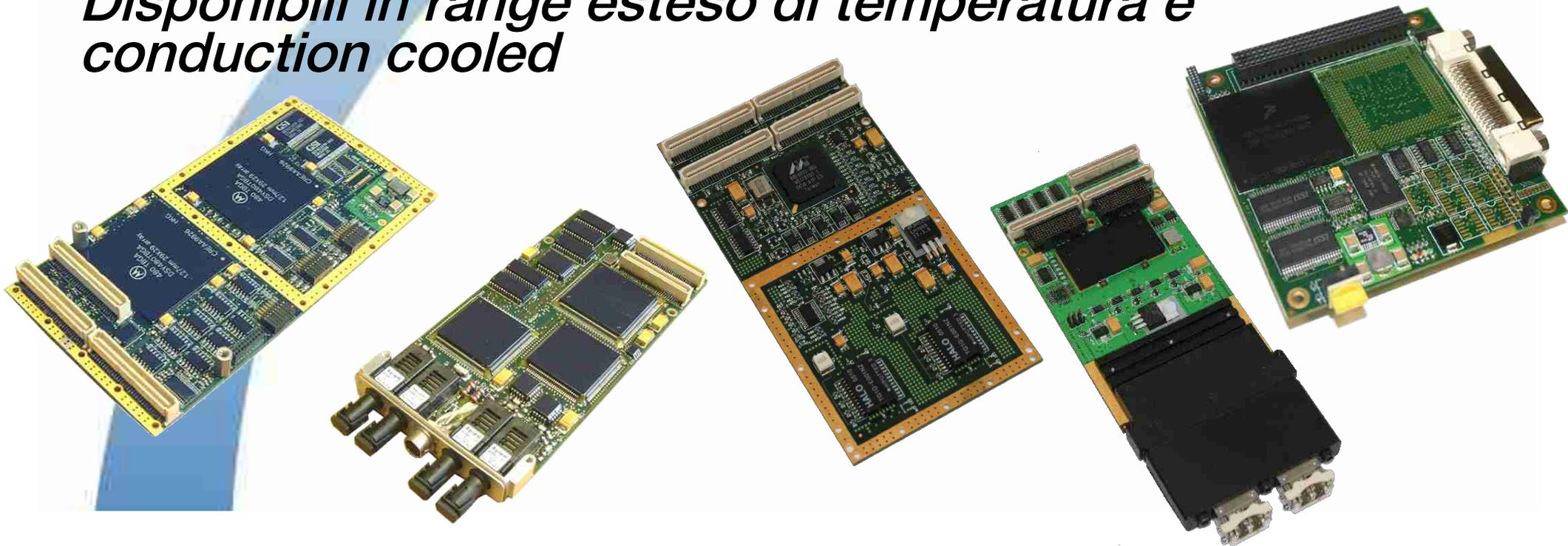


Soluzioni di comunicazione per applicazioni militari ed industriali



- Moduli PMC, XMC, PC-104 e PCI
- Ethernet, FDDI/CDDI, Seriali, Mil-1553B, E1/T1, GPS

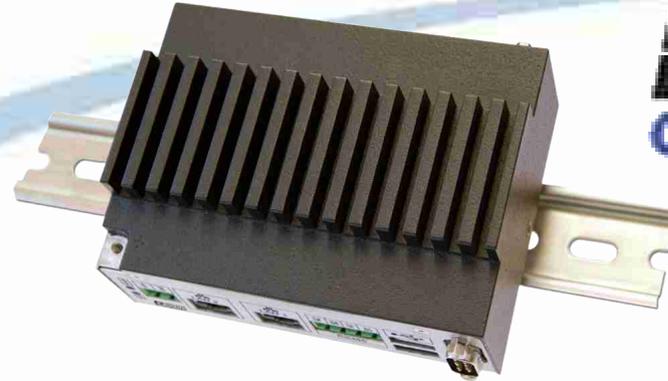
Disponibili in range esteso di temperatura e conduction cooled





Computer industriali:

- Embedded BoxPC
- Control Cabinet PC
- 19" Industrial PC
- Panel PC



DSM[®]
Computer



DSM
Infinity

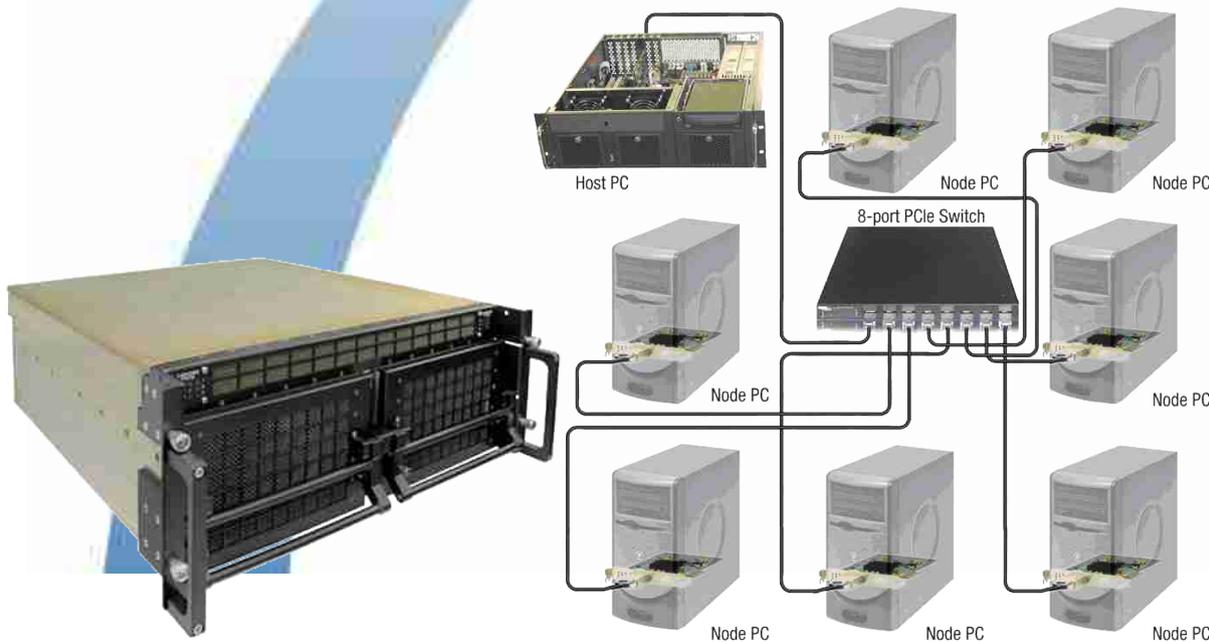


- Computer industriali
- Tablet industriali
- Display

ELCOM



- PCIe Over Cable
- Embedded PC
- MIL-STD Products
- Disk Arrays
- Custom Systems



High Density Compute Accelerator

Taking HPC to a whole new level

Up to 512Gb/s bandwidth from one to four servers

System monitor with local IPMI module

6,000 watts of redundant power

Four removable cassettes

Supports sixteen PCIe x16 Gen3 boards in a 3U enclosure

Superior cooling with thermally-controlled, high-capacity fans

73.3Tflops of computational power

Preconfigured with GPUs or coprocessors

nVidia K10 GPUs

Intel Xeon Phi Coprocessors



Ecrin Systems



Rugged Computer Onyx



ecrin
SYSTEMS





Comark



- Military & Marine Displays
- Vehicle Computers

COMARK





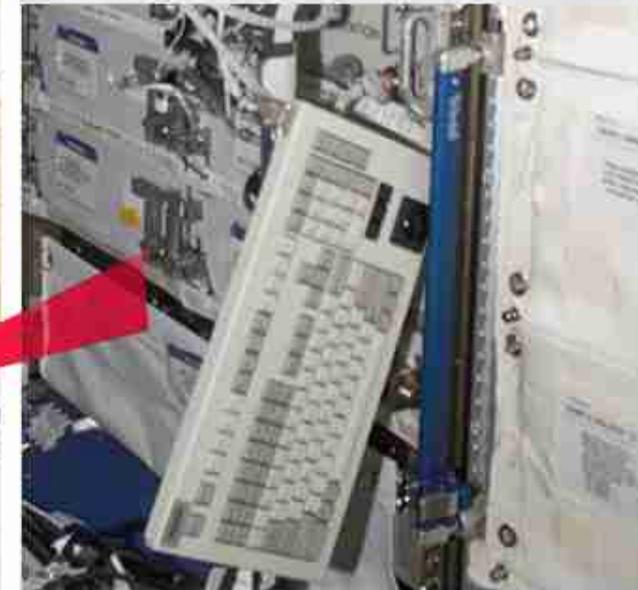
Comark



Tastiere e dispositivi di puntamento per applicazioni militari e aerospaziali



"Just 'hagin' out',
inside the
International Space
Station



Cortron Model 121
Rugged Keyboard

Cortron



Soluzioni di alimentazione

Commerciali – Industriali – Militari

- Sistemi UPS
- Intelligent PDU
- Power Conditioner
- Converter Potenza e Frequenza

 **INTELLIPOWER** INC.
Continuous Computer Power Since 1988





Soluzioni di storage ad alte prestazioni

Rugged External Hard Disks ad alta capacità per applicazioni militari e industriali



OLIXIR
TECHNOLOGIES

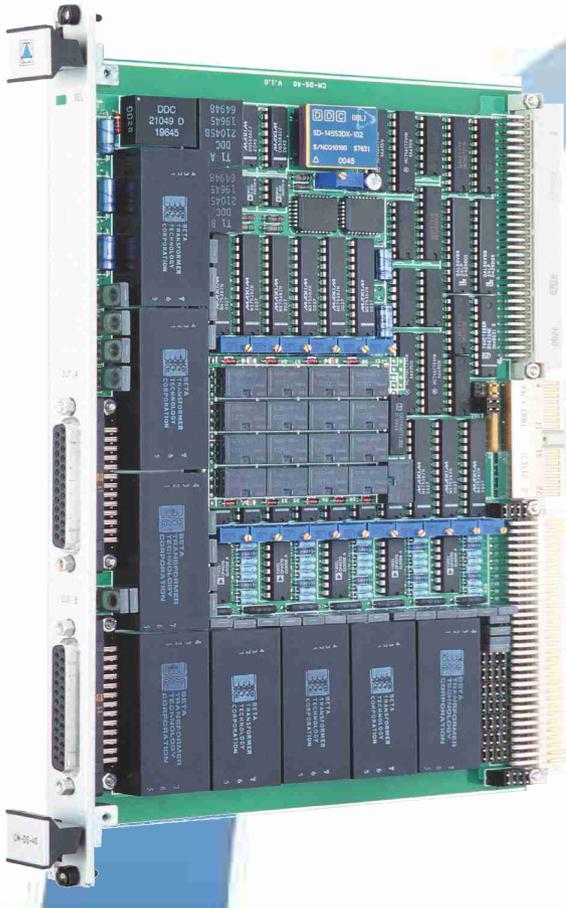




CM Computers



*Chassis ATR (VME e CompactPCI)
Moduli VME rugged*





Contatti

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