

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Visit our website - *Click HERE*

ORION
A Phoenix Mecano Company

PCI7620

PCIe 104 4th Generation
Intel® Core™ i7
Single Board Computer



Your Partner in Embedded Solutions

Features

Intel® Fourth Generation Core™ i7 dual core processor

Up to 4GB DDR3L-1600 memory on-board

Up to 64GB SATA NAND Flash on-board

Stack down type 2 PCIe/104 connector

Two SATA 6Gbps ports

Four 10/100/1000 Ethernet (Base-T) ports

Twelve lanes of PCIe 2.0 (two x4 and four x1)

Two USB 3.0 ports and six USB 2.0 ports

Two RS-232/RS-422 serial ports

Three independent video display ports

Less than 13W typical power consumption

Rugged Extended Temperature Options available

Various Board Support Packages (BSPs) available including Linux, Wind River VxWorks & Windows

For a more in-depth analysis visit our website at www.oriontechnologies.com

Ordering Options

PCI7620-ABCD

A - Processor Options
1 = i7-4610Y (1.7GHz Base, 2.9GHz Max)
2 = i7-4650U (1.7GHz Base, 3.3GHz Max)
3 = i7-4558U (2.8GHz Base, 3.3GHz Max)

B - Memory Options
1 = 4GB DDR3, 8GB User SATA Flash
2 = 8GB DDR3, 16GB User SATA Flash

C - Reserved
0 = Reserved (Must be 0)

D - Environmental
1 = Commercial Temp.
2 = Extended Temp.
3 = Conduction Cooled

Orion has successfully generated products utilizing an extensive assortment of microprocessors since 1990. Our single board computer product offering includes both custom and standard form factors such as VPX, VME, Compact PCI, XMC, and PMC.

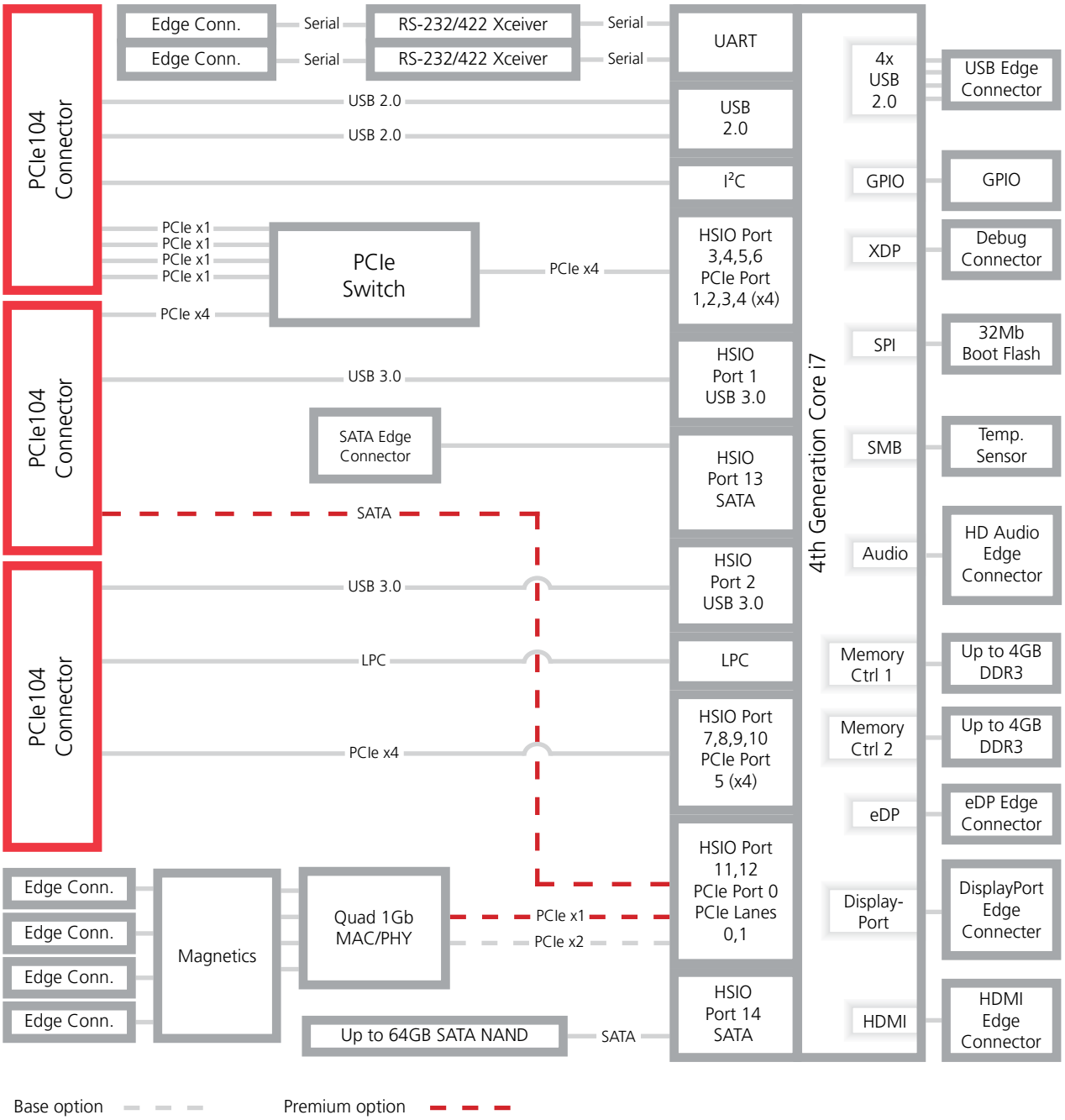
Whether it's a small quantity, one-time requirement or a high volume product for years to come, we would like to be your partner in embedded solutions

MEMBER VITA
Open Standards, Open Markets

Certified System
SAI GLOBAL
AS9100
Aerospace

Block Diagram

ORION
A Phoenix Mecano Company



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103-7620-001E

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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