

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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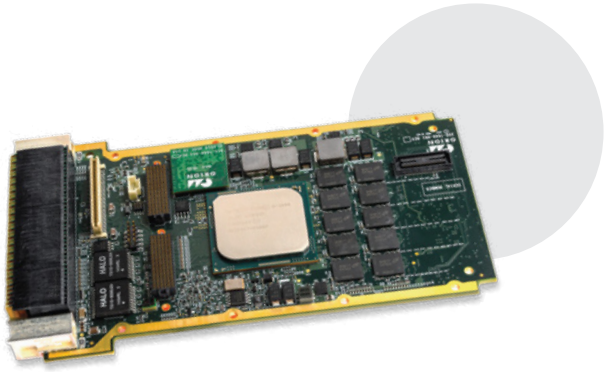
Visit our website - *Click HERE*

ORION
A Phoenix Mecano Company

OpenVPX

VPX7668

3U VPX Intel® Xeon® D
Single Board Computer
(Air or Conduction Cooled)



Your Partner in Embedded Solutions

Features

Intel® Xeon® D Processor up to 16 Core

Extended temperature and rugged REDI (Vita 48.2)

On-board temperature monitoring

Up to 16GB of soldered DDR4 SDRAM with ECC

Up to 64GB of on-board NAND Flash

One 8-lane PCIe 3.0 XMC slot (Vita 42.3)

Two x4-lane PCIe 3.0 expansion on P1

Up to four configurable serial ports

Eight configurable general purpose I/O

Two USB 3.0/ 2.0 and One USB 2.0

Five available SATA 6.0 Gb/s ports

Trusted Platform Module 2.0

Various Board Support Packages (BSP's) available including Linux, WindRiver VxWorks & Windows

Anti-Tamper features available

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

Ordering Options

VPX7668-ABCD

A - Processor Options
1 = Xeon® D-1529 (4 Core, 1.3GHz)
2 = Xeon® D-1539 (8 Core, 1.6GHz)
3 = Xeon® D-1559 (12 Core, 1.5GHz)
4 = Xeon® D-1577 (16 Core, 1.3GHz)*

B - Memory Options
1 = 8GB RAM, 16GB NAND
2 = 16GB RAM, No NAND
3 = 16GB RAM, 16GB NAND
4 = 16GB RAM, 64GB NAND

C - Pin-out Options (Based on Personality Module)
1 = 5x SATA, 2x USB 3.0/ 2.0, 2x RS-232, 2x RS-422, 8x GPIO
2 = 5x SATA, 2x USB 3.0/ 2.0, 1x RS-232, 1x RS-422, 8x GPIO, 6 Single-Ended XMC
3 = 1x USB 2.0, 1x USB 3.0/ 2.0, 4x RS-422, 8x GPIO, 20 Differential XMC

D - Environmental
1 = Air-cooled, 0 to +55°C Operating Temp.
2 = Air-cooled, -40 to +55°C Operating Temp.
3 = Air-cooled, -40 to +70°C Operating Temp.
4 = Conduction-cooled, -40 to +70°C Operating Temp.
5 = Conduction-cooled, -40 to +85°C Operating Temp.
6 = Secondary side conduction-cooled, -40 to +85°C Operating Temp.

*16 core processor not supported across all temperature ranges. Contact factory for more information.

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.

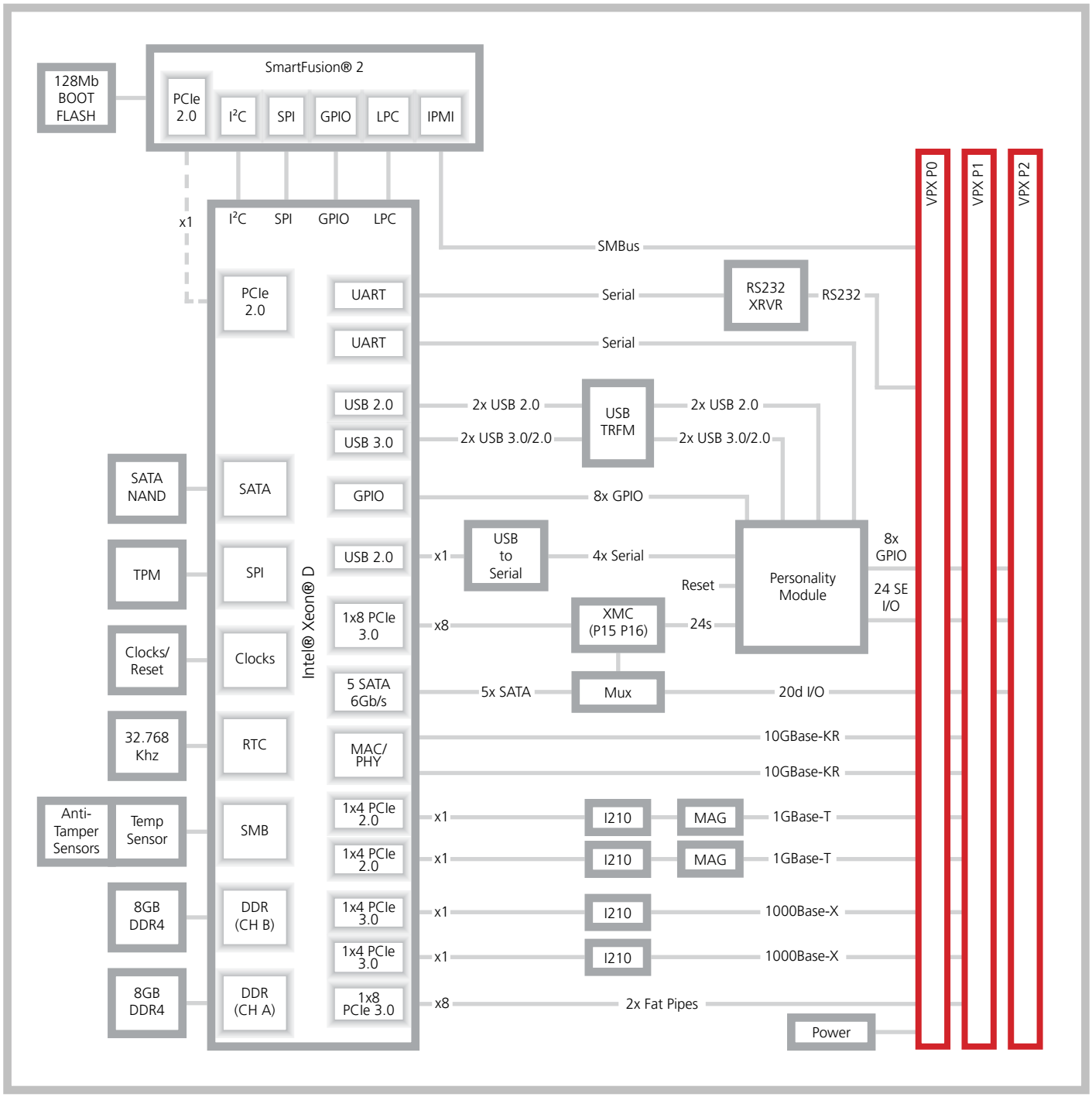
Whether it's a small quantity, one-time requirement or a high volume product for years to come, we would like to be your partner in embedded solutions.

MEMBER VITA
Open Standards, Open Markets

Certified System
SAI GLOBAL
AS9100
Aerospace

Block Diagram

ORION
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Orion Technologies, LLC
Office: (407) 845-1700
Fax: (407) 203-7659

Email: sales@oriontechnologies.com

Inc. 5000

12605 Challenger Parkway
Suite 130
Orlando, FL 32826

103-7668-001E

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.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

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

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