

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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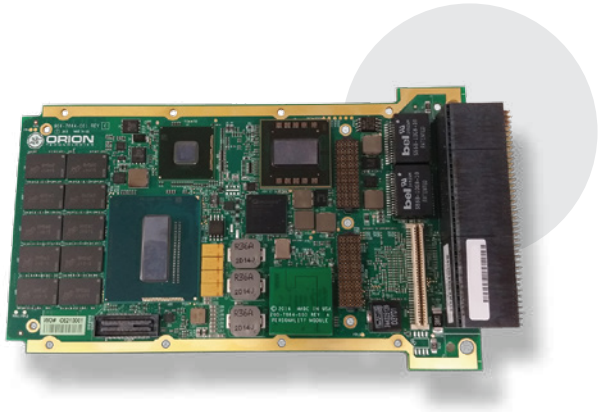
Visit our website - *Click HERE*

ORION
A Phoenix Mecano Company

OpenVPX

VPX7664

3U VPX 4th Gen. Intel® Core™ i7
Single Board Computer
(Air or Conduction Cooled)



Your Partner in Embedded Solutions

Features

- Multi-Core 4th Generation Intel® Core™ i7 Processor
- QM87 PCH Chipset
- Extended temperature and rugged REDI (Vita 48.2)
- Up to 16GB of soldered DDR3 SDRAM with ECC
- Up to 64GB of on-board NAND Flash
- Up to four serial ports
- Up to eight GPIO
- Up to two USB 3.0 and three USB 2.0
- Up to two SATA 6.0 Gb/s ports
- Two 10GbE Base-T ports
- Three 4-lane PCIe 3.0 expansion on P1
- On-board temperature monitoring
- LPC accessible Trusted Platform Module 1.2
- Anti-tamper features available
- XMC P16 and PMC P14 rear I/O
- PCIe Switch to OpenVPX Backplane providing non-transparent port and DMA capabilities
- Various Board Support Packages (BSPs) available including Linux, Wind River VxWorks & Windows

Ordering Options

VPX7664-ABCD

A - Processor Options
- 1 = i3-4112E (Dual Core, 1.8GHz)
- 2 = i5-4400E (Dual Core, 2.7GHz)
- 3 = i7-4700EQ (Quad Core, 2.4GHz)

B - Memory Options
- 1 = 4GB RAM, 16GB NAND
- 2 = 8GB RAM, 16GB NAND
- 4 = 16GB RAM, 64GB NAND
- 5 = 16GB RAM, No NAND

C - Pin-out Options (Based on Personality Module)
- 1 = 1x HDMI, 1x USB 3.0, 2x USB 2.0, 2x RS-232, 2x RS-422
- 2 = 4x RS-422, 2x SATA, 8x GPIO
- 3 = 1x HDMI, 1x USB 3.0, 2x USB 2.0, 2x SATA, 2x RS-232

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.
- 7 = High-Performance Heatframe

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

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.

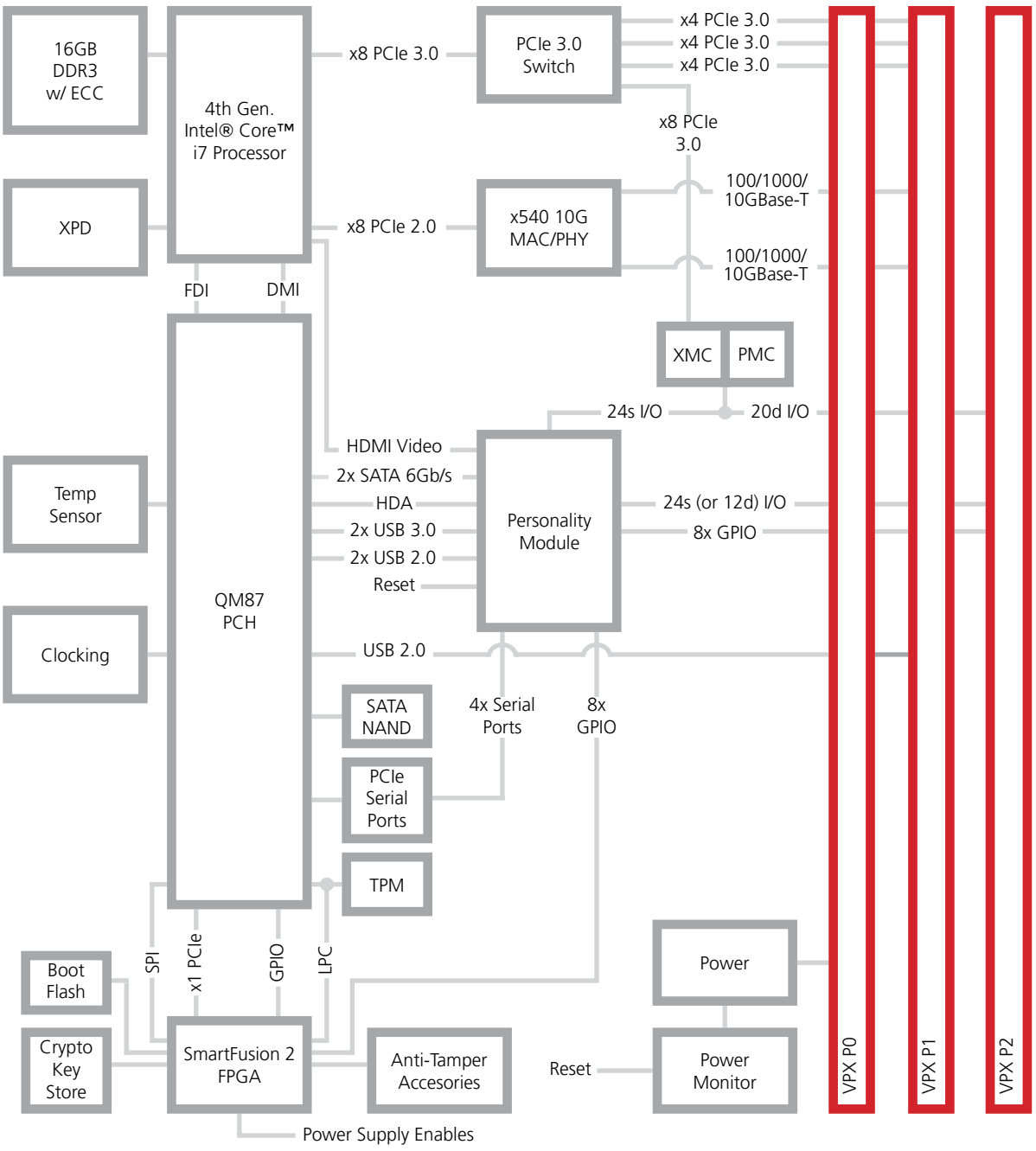
Whether it's a small quantity, one-time requirement or a high volume product for years to come, we would like to be your partner in embedded solutions

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

103-7664-001I

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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