CONTINUED VME PLATFORM ADVANCEMENTS AND SUPPORT TO LEGACY PROGRAMS

VME PROCESSOR BOARDS

<table>
<thead>
<tr>
<th>VME6103</th>
<th>VME6250B</th>
<th>VME6052</th>
<th>VM6054</th>
<th>VM6062</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS1023</td>
<td>PENTX2M2</td>
<td>Intel® Dual Core 3517E</td>
<td>Intel® Quad-Core™ 3612Q at 2.1 GHz</td>
<td>Intel Xeon D 2-core Dual Graphics Mezzanine</td>
</tr>
<tr>
<td>2-core ARM</td>
<td>ARM™</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Power**: ARM™ X86

**Pinout Compatibility Across Processor Families**

- Mezzanine Carrier
- Rear Transition Module
- Front Panel I/Os

**FULL COMPATIBILITY WITH LEGACY PRODUCTS**

- Extensive I/O support
- High versatility and customization
- Long Term Supply
- Legacy compatibility

ASSOCIATED PRODUCTS

- Evaluation System
- Rear Transition Module
- V2PMC2

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POSSIBILITIES START HERE
### VPX PROCESSOR BOARDS

<table>
<thead>
<tr>
<th>FORM FACTOR</th>
<th>CPU</th>
<th>SDRAM (MAX.)</th>
<th>TARGET APPLICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6U VPX</td>
<td>Dual processor Intel® Xeon® D 8-Core</td>
<td>16 GB with ECC</td>
<td>High Performance: imaging, radar and embedded server</td>
</tr>
<tr>
<td>3U VPX</td>
<td>Intel® Xeon® D 8-Core / 12-Core</td>
<td>16/32 GB with ECC</td>
<td>Fit for Virtual Machines and HPEC Applications</td>
</tr>
<tr>
<td>6U VPX</td>
<td>Intel® Xeon® D 8-Core</td>
<td>16 GB with ECC</td>
<td>Value Line general purpose SBC, 10G/40G upgrade of 1G Ethernet switched signal processing systems.</td>
</tr>
<tr>
<td>3U VPX</td>
<td>Intel® Xeon® D 2-Core</td>
<td>8 GB with ECC</td>
<td>Real-time applications and Secure &amp; Safety Systems</td>
</tr>
<tr>
<td>3U VPX</td>
<td>QoriQ™ P2041</td>
<td>8 GB with ECC</td>
<td>Low power general purpose solution for SWaP-C constrained embedded applications</td>
</tr>
</tbody>
</table>

#### Performance Line
- **VX6090**
- **VX3058/VX305C**
- **VX6058**
- **VX3052**
- **VX3240**

#### Value Line
- **VX6090**
- **VX3058/VX305C**
- **VX6058**
- **VX3052**
- **VX3240**

Visit [www.kontron.com/vpx](http://www.kontron.com/vpx) for our complete portfolio.

### COTS, Modular and Rugged VPX Solutions for High Processing Applications with SWaP Constraints

- **1/10G ETH**
- **PCI-E**
- **REAR I/O**
- **Managed Ethernet Switches**
- **PCI-Express /Ethernet Hybrid Switch**

### VPX PERIPHERALS AND I/O BOARDS

#### 3U VPX Switches
- **VX3920** High End L2/L3 OpenVPX 10/40G Switch
- **VX3910** High End L2/L3 OpenVPX Switch
- **VX3905** PCI Express and Ethernet Hybrid Switch

#### 3U VPX Carriers
- **VX3836** Xilinx® Virtex®-6 FPGA Processor Board with FMC Site
- **VX3830** Xilinx® Virtex®-5 FPGA Processor Board with FMC Site
- **VX3800** PMC/XMC Carrier Card

#### 3U VPX GPU/GPGPU
- **VX3327** AMD Radeon™ E6760 GPU board

### STREAMLINING DEVELOPMENT TO DEPLOYMENT
- **EZ Platforms for Evaluation and Development**
  - Plug and Play, Ideal for Evaluation and Software Development
  - Air-Cooled Laboratory Environment
  - Pre-Installed Linux or VxWorks

- **ApexVX – Multi-Mission Rugged Computer System**
  - Pre-qualified COTS solution
  - Flexible design, conduction-cooled structure
  - 5-slot 3U VPX system
  - PBIT System Test Innovative learning model

- **StarVX – Pre-qualified HPEC Platform**
  - Compact 3U VPX Air and Conduction Cooled solution
  - Turnkey linux parallel system with 4th generation Intel® Core™ and Xeon™ processor boards

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