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VersaLogic releases new high-performance embedded computers

Tualatin, Oregon — Oct. 13, 2017 — VersaLogic Corp., the embedded industry’s most trusted computer company, has expanded the Blackbird line of embedded computers. These new models support system designs needing high performance, but lower power dissipation. The new models are:

<table>
<thead>
<tr>
<th>Processor</th>
<th>Cores</th>
<th>Hyper-threading</th>
<th>Operating Temp</th>
<th>Memory</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>i3 (6100U)</td>
<td>2</td>
<td>YES</td>
<td>0° to +60°C</td>
<td>8 GB</td>
<td>15.3 W typ</td>
</tr>
<tr>
<td>i5 (6300U)</td>
<td>2</td>
<td>YES</td>
<td>0° to +60°C</td>
<td>16 GB</td>
<td>16.0W typ</td>
</tr>
<tr>
<td>i7 (6600U)</td>
<td>2</td>
<td>YES</td>
<td>0° to +60°C</td>
<td>16 GB</td>
<td>17.9W typ</td>
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<td>i3 (6100U)</td>
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“These new models offer high CPU and video performance, and a wide range of input and output functionality, with power savings of up to 24% over quad-core models,” said Len Crane, President of VersaLogic. “The new models include the same on-board TPM security chip, USB 3.0 ports, and other I/O features of the Blackbird models.”

The Blackbird's on-board TPM security chip can lock out unauthorized hardware and software access. It provides a secure “Root of Trust.” Additional security is provided through built-in AES (Advanced Encryption Standard) instructions.

Packed with high performance I/O, these new models include dual Gb Ethernet, two USB 3.0 ports, four USB 2.0 ports, two 6GB SATA, and three Mini PCIe Sockets. These new models provide extreme CPU processing and video performance for its size.

These new embedded computers expand VersaLogic’s family of EPU (Embedded Processing Unit) format computers. EPU’s are designed around COM Express form factors, but are complete board level computers. They provide all the future flexibility of separate CPU and I/O modules, but are delivered as complete fully assembled and tested units (including heat plate), ready to bolt into a system. Since VersaLogic’s EPUs are available off-the-shelf, they can drastically reduce project start-up and development time.

– MORE –
Powerful Video Processing
Intel's advanced Intel HD graphics 500 system provides outstanding graphics performance and is capable of supporting up to two 4K UHD monitors at once. In addition, the Skylake GPU can transcode 4K video up to 20 percent faster than the previous generation of CPU’s. It also supports OpenCL 2.0, DirectX 12, and Open GL 4.3.

Designed, Manufactured and Tested for Extreme Environments
The new products include models designed and tested for industrial temperature (-40º to +85ºC) operation. All models meet MIL-STD-202G specifications for high impact and vibration.

Pricing and Availability
The new Blackbird models, part numbers VL-EPU-4462-xxx, are now in stock at both VersaLogic and Digi-Key Corporation. OEM quantity pricing starts at $1,391 for a Core i3 model with 8 GB RAM. Contact Sales@VersaLogic.com or visit VersaLogic.com/Blackbird or Digikey.com for more information.

About VersaLogic Corporation
VersaLogic Corp. built its reputation on very high reliability products and superior service. A 40 plus-year history of consistency has earned VersaLogic the reputation of being the industry’s most trusted embedded computer company. VersaLogic delivers state-of-the-art embedded computers, coupled with expert technical support, for critical markets such as the medical and defense industries. For more information, visit VersaLogic.com.

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