Connect Tech's Xtreme/SBC is a small single board computer that utilizes the PCI/104 form factor. Xtreme/SBC offers a variety of embedded processor solutions including Intel Atom, Freescale i.MX51, TI OMAP, and NVIDIA Tegra.

Xtreme/SBC allows instant access to a full range of PCI/104 peripherals from a rapidly growing eco-system including FPGA solutions, multi-port serial, frame grabbers, and more. This single board computer solution is modular and completely scalable, with access to the most current embedded processors that are easily upgradable to accommodate future generations of Intel Atom processors, such as Tunnel Creek, or ARM based processors, such as Cortex A8.

Xtreme/SBC conveniently provides on-board connectors allowing for instant access to a variety of features including SATA, Ethernet, USB, LVDS and VGA Video, RS-232 and RS-422/485.

FEATURES

✓ PCI/104 form factor, 4x1 PCIe lanes
✓ On-board connectors for instant access to SATA, Ethernet, USB, LVDS & VGA Video, RS-232 & RS-422/485
✓ Intel & ARM based processors

### INTEL PROCESSOR | ARM PROCESSOR

<table>
<thead>
<tr>
<th>Speed</th>
<th>1.1 to 1.6 GHz</th>
<th>600 MHz to 1.6 GHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCI-104</td>
<td>Up to 4 devices</td>
<td>Up to 4 devices</td>
</tr>
<tr>
<td>Memory</td>
<td>1 GB</td>
<td>Up to 2 GB</td>
</tr>
<tr>
<td>On-Board Flash Disk</td>
<td>Up to 4GB</td>
<td>Up to 32GB</td>
</tr>
<tr>
<td>Graphics</td>
<td>Intel GMA 500</td>
<td>Intel GMA 500</td>
</tr>
<tr>
<td>External Storage</td>
<td>1x SATA</td>
<td>2x SATA</td>
</tr>
<tr>
<td>USB</td>
<td>4x USB 2.0</td>
<td>4x USB 2.0</td>
</tr>
<tr>
<td>Ethernet</td>
<td>10/100/1000</td>
<td>10/100</td>
</tr>
<tr>
<td>Other</td>
<td>-</td>
<td>Micro SD, Video Input</td>
</tr>
<tr>
<td>Temperature</td>
<td>-20°C - 70°C</td>
<td>-20°C - 70°C</td>
</tr>
<tr>
<td>Serial Interface</td>
<td>2x RS-232, 2x RS-485</td>
<td>512 keyboard and mouse</td>
</tr>
<tr>
<td>Dimensions</td>
<td>PC/104 Compliant</td>
<td>ATX Supply Input</td>
</tr>
</tbody>
</table>

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