## cyber-diode Hardware

<table>
<thead>
<tr>
<th>Model</th>
<th>Si</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision</td>
<td>1.0</td>
</tr>
<tr>
<td>CPU</td>
<td>2 Cores, 1.74 GHz</td>
</tr>
<tr>
<td>Memory</td>
<td>8 GB</td>
</tr>
<tr>
<td>Network interfaces</td>
<td>4 x 1 Gbit/s</td>
</tr>
<tr>
<td>Flash</td>
<td>4 GB</td>
</tr>
<tr>
<td>Controller</td>
<td>AHCI</td>
</tr>
<tr>
<td>DVD-RW</td>
<td>-</td>
</tr>
<tr>
<td>VGA</td>
<td>-</td>
</tr>
<tr>
<td>Serial</td>
<td>1 x RJ 45</td>
</tr>
<tr>
<td>USB</td>
<td>2.0</td>
</tr>
<tr>
<td>Power supply</td>
<td>optional extern</td>
</tr>
<tr>
<td>Performance</td>
<td></td>
</tr>
<tr>
<td>TCP</td>
<td>380 Mbit/s</td>
</tr>
<tr>
<td>TCP single stream</td>
<td>330 MBit/s</td>
</tr>
<tr>
<td>UDP</td>
<td>40 MBit/s</td>
</tr>
<tr>
<td>Chassis</td>
<td></td>
</tr>
<tr>
<td>Power consumption</td>
<td>max. 30 W</td>
</tr>
<tr>
<td>BTU</td>
<td>max. 102.3 BTU/h</td>
</tr>
<tr>
<td>Fixture</td>
<td>top hat rail clip</td>
</tr>
<tr>
<td>Width</td>
<td>50 mm</td>
</tr>
<tr>
<td>Height</td>
<td>153 mm</td>
</tr>
<tr>
<td>Depth</td>
<td>110 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>1 kg</td>
</tr>
<tr>
<td>Environment Operation</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>24 V DC (20.4 V–27.6 V) current 0.5 A, max. 0.9 A</td>
</tr>
<tr>
<td>Temperature</td>
<td>0–50° C at 50 % humidity, non condensing</td>
</tr>
<tr>
<td>Humidity</td>
<td>10–90 % non condensing at 40° C</td>
</tr>
<tr>
<td>Shock</td>
<td>1 G/11 ms half-sine</td>
</tr>
<tr>
<td>Vibration</td>
<td>5–500 Hz, PSD, 0.02 G/Hz, 0.5 Grms</td>
</tr>
<tr>
<td>Norms</td>
<td>CE</td>
</tr>
<tr>
<td>Environment Storage</td>
<td></td>
</tr>
<tr>
<td>Temperature</td>
<td>-20–70° C at 50 % humidity, non condensing</td>
</tr>
<tr>
<td>Humidity</td>
<td>10–80 % non condensing</td>
</tr>
<tr>
<td>Shock</td>
<td>1 G/11 ms half-sine</td>
</tr>
<tr>
<td>Vibration</td>
<td>5–500 Hz, PSD 0.02 G/Hz, 5.0 Grms</td>
</tr>
</tbody>
</table>

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