



### 1 CryptoServer CSe-Series PCIe

|                                  |   |
|----------------------------------|---|
| <b>Dimensions</b>                | Length: 167,65 mm ("half" length)<br>Height: 111,15 mm ("full" height)  |
| <b>Weight</b>                    | 375 g   |
| <b>CPU</b>                       | Texas Instruments TMS320C6457, 1 GHz clock speed  |
| <b>Memory</b>                    | 64 MB RAM, 64 MB Flash  |
| <b>Interfaces</b>                | PCI Express x1 (1 Lane), compatible with PCIe 1.1, PCIe 2.0 and PCIe 3.0<br>slots 2 USB 1.1 interfaces  |
| <b>Battery</b>                   | 3 V, Lithium, Ø 12 mm, length 600 mm, FDK CR12600SE-T1 or equivalent<br>type, e.g. VARTA CR2NP  |
| <b>Power consumption</b>         | max. 6 Watt   |
| <b>Environmental temperature</b> | In operation: +10° C to +35° C (+50° F to +95° F)<br>In warehouse: -10° C to +55° C (+14° F to +131° F)   |
| <b>Humidity</b>                  | 10 to 95 % relative humidity, non-condensing  |
| <b>MTBF</b>                      | 201006 hrs (in acc. with Telcordia Method I, temperature 40°C,<br>environment GB, GC - Ground Benign, Controlled)   |
| <b>RoHS, WEEE</b>                | RoHS II compliant, Elektro-Altgeräte-Register DE65203472  |
| <b>Compliance</b>                | EMC emission: EN 55022 class B, EMC immunity: EN 61000-6-2 (industrial<br>environment) Equipment safety: IEC/EN 60950-1 (CB scheme), IEC/EN<br>62368-1 FCC 47 CFR Ch. 1 Part 15 class B Climatic and mechanical<br>conditions: ETSI EN 300 019 Storage Class 1.1, Transportation class 2.1<br>(with temperature range limited to temperature in warehouse as defined<br>above), stationary use at weather protected locations class 3.1 |

### 2 CryptoServer Se-Series Gen2 PCIe

|                                  |   |
|----------------------------------|---|
| <b>Dimensions</b>                | Length: 167,65 mm ("half" length)<br>Height: 111,15 mm ("full" height)  |
| <b>Weight</b>                    | 400 g   |
| <b>CPU</b>                       | Texas Instruments TMS320C6416, 1 GHz clock speed  |
| <b>Memory</b>                    | 32 MB RAM, 64 MB Flash  |
| <b>Interfaces</b>                | PCI Express x1 (1 Lane), compatible with PCIe 1.1, PCIe 2.0 and PCIe 3.0<br>slots USB 2.0 interface (high speed)  |
| <b>Battery</b>                   | 3 V, Lithium, Ø 12 mm, length 600 mm, FDK CR12600SE-T1 or equivalent<br>type, e.g. VARTA CR2NP  |
| <b>Power consumption</b>         | Models Se12 / Se52: max. 5 Watt<br>Models Se500 / Se1500: max. 10 Watt  |
| <b>Environmental temperature</b> | In operation: +10 °C to +45° C (+50° F to +113° F)<br>In warehouse: -10° C to +55° C (+14° F to +131° F)  |
| <b>Humidity</b>                  | 10 to 95 % relative humidity, non-condensing  |
| <b>MTBF</b>                      | 360,000 hours (in acc. with MIL-HDBK-217, temperature 25°C, environment<br>Ground Benign)   |
| <b>RoHS, WEEE</b>                | RoHS II compliant, Elektro-Altgeräte-Register DE65203472  |
| <b>Compliance</b>                | EMC emission: EN 55022 class B, EMC immunity: EN 61000-6-2 (industrial<br>environment) Equipment safety: IEC/EN 60950-1 (CB scheme), IEC/EN<br>62368-1 FCC 47 CFR Ch. 1 Part 15 class B Climatic and mechanical<br>conditions: ETSI EN 300 019 Storage Class 1.1, Transportation class 2.1<br>(with temperature range limited to temperature in warehouse as defined<br>above), stationary use at weather protected locations class 3.1 |