

CryptoServer LAN V5

Technical Data

utimaco[®]

Imprint

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1 LAN V5 (AC power supply)

Dimensions	Height	44 mm (1U)
	Width	446 mm excluding brackets (19 inch rack mount)
	Depth	533,4 mm excluding handles
Weight		10 kg
Power supply	AC power supply, redundant	100 to 240 Vac, 50-60 Hertz, 5-3A, 300 W x2 Power consumption typically 45 W / 66 VA, maximum 50 W / 70 VA
Heat dissipation		171 BTU/h
Interfaces on the front face	2 x USB "Host"	USB ports of CryptoServer LAN
	1 x USB "HSM"	USB port of CryptoServer PCI Express plug-in card
Interfaces on the rear face	1 x DB15	VGA connector (screen)
	2 x RJ45	10/100/1000 MBit Ethernet
	2 x USB	USB port of CryptoServer LAN
Interfaces on CryptoServer slot bracket	1 x USB	USB port of CryptoServer PCI Express plug-in card
Environmental temperature	in operation	CryptoServer Se-Series Gen2: +10° C to +50° C (+50° F to +122° F) CryptoServer CSe-Series: +10° C to +40° C (+50° F to +104° F)
	in warehouse	-10° C to +55° C (+14° F to +131° F)
Humidity		10 to 95% relative humidity, non-condensing
MTBF		CryptoServer Se-Series Gen2: 125,322 hours CryptoServer CSe-Series: 98,244 hours at 25° C / 77° F, environment GB, GC - Ground Benign, Controlled
RoHS, WEEE		RoHS II compliant, Elektro-Altgeräte-Register DE65203472

Conformity	<p>Electromagnetic Compatibility:</p> <ul style="list-style-type: none">▪ EN 55011:2009 + A1:2010▪ EN 55032:2015 / AC:2016 CISPR 32: 2015 (ed 2.0) / C1:2016▪ EN 61000-6-4: 2007 + A1:2011▪ EN 61000-3-2: 2014▪ EN 61000-3-3: 2013▪ EN 61000-6-2: 2005 / AC: 2005 (EN 55024:2010 + A1: 2015),<ul style="list-style-type: none">• IEC 61000-4-2: 2008; IEC 61000-4-3: 2006 + A1: 2007 + A2: 2010; IEC 61000-4-4: 2012;• IEC 61000-4-5: 2014; IEC 61000-4-6: 2013; IEC 61000-4-8: 2009; IEC 61000-4-11: 2004▪ ETSI EN 300 386 V2.1.1▪ FCC 47 CFR Part 15 Class A <p>Equipment safety:</p> <ul style="list-style-type: none">▪ IEC/EN 60950-1 (CB scheme)▪ IEC/EN 62368-1▪ UL <p>Climatic and mechanical conditions: ETSI EN 300 019 storage class 1.1, transportation class 2.1 (with temperature range limited to temperature in warehouse as above), stationary use at weather protected locations class 3.1</p>
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2 LAN V5 (DC power supply)

Dimensions	Height	44 mm (1U)
	Width	446 mm excluding brackets (19 inch rack mount)
	Depth	533,4 mm excluding handles
Weight		10 kg
Power supply	AC power supply, redundant	-36 to -72 Vdc, 12-6A, 300 W x2 Power consumption typically 50 W, maximum 55 W
Heat dissipation		188 BTU/h
Interfaces on the front face	2 x USB "Host"	USB ports of CryptoServer LAN
	1 x USB "HSM"	USB port of CryptoServer PCI Express plug-in card
Interfaces on the rear face	1 x DB15	VGA connector (screen)
	2 x RJ45	10/100/1000 MBit Ethernet
	2 x USB	USB port of CryptoServer LAN
Interfaces on CryptoServer slot bracket	1 x USB	USB port of CryptoServer PCI Express plug-in card
Environmental temperature	in operation	CryptoServer Se-Series Gen2: +10° C to +50° C (+50° F to +122° F) CryptoServer CSe-Series: +10° C to +40° C (+50° F to +104° F)
	in warehouse	-10° C to +55° C (+14° F to +131° F)
Humidity		10 to 95% relative humidity, non-condensing
MTBF		CryptoServer Se-Series Gen2: 125,322 hours CryptoServer CSe-Series: 98,244 hours at 25° C / 77° F, environment GB, GC - Ground Benign, Controlled
RoHS, WEEE		RoHS II compliant, Elektro-Altgeräte-Register DE65203472

Conformity	<p>Electromagnetic Compatibility:</p> <ul style="list-style-type: none">▪ EN 55011:2009 + A1:2010▪ EN 55032:2015 / AC:2016 CISPR 32: 2015 (ed 2.0) / C1:2016▪ EN 61000-6-4: 2007 + A1:2011▪ EN 61000-3-2: 2014▪ EN 61000-3-3: 2013▪ EN 61000-6-2: 2005 / AC: 2005 (EN 55024:2010 + A1: 2015),<ul style="list-style-type: none">• IEC 61000-4-2: 2008; IEC 61000-4-3: 2006 + A1: 2007 + A2: 2010; IEC 61000-4-4: 2012;• IEC 61000-4-5: 2014; IEC 61000-4-6: 2013; IEC 61000-4-8: 2009; IEC 61000-4-11: 2004▪ ETSI EN 300 386 V2.1.1▪ FCC 47 CFR Part 15 Class A <p>Equipment safety:</p> <ul style="list-style-type: none">▪ IEC/EN 60950-1 (CB scheme)▪ IEC/EN 62368-1▪ UL <p>Climatic and mechanical conditions: ETSI EN 300 019 storage class 1.1, transportation class 2.1 (with temperature range limited to temperature in warehouse as above), stationary use at weather protected locations class 3.1</p>
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