utimaco®

CryptoServer LAN V4
Technical Data

1   CryptoServer LAN V4c (AC power supply)

Dimensions	Height	88 mm (2 height units)
	Width	446 mm excluding brackets (19 inch rack mount)
	Depth	472 mm excluding handles
Weight		13 kg
Power supply	AC power supply, redundant	100 ~ 240 V AC, 50~60 Hertz, 2 x 320 W Power consumption typically 75 W / 85 VA, maximum 90 W / 100 VA
Heat dissipation		307 BTU/h
Interfaces on the front face	1 x USB "USB Host"	USB port of CryptoServer LAN
	1 x USB "USB CS"	USB port of CryptoServer PCI Express plug-in card
Interfaces behind front door	1 x USB "USB Host"	USB port of CryptoServer LAN
	1 x USB "USB CS2"	USB port of CryptoServer PCI Express plug-in card, currently not supported, not connected

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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 Gen: +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	90.000 hours	
RoHS, WEEE	RoHS II compliant, Elektro-Altgeräte-Register DE39805015	
Conformity	EMC emission: CISPR 22 / CISPR 32 Class B, IEC/EN 61000-3-2, IEC/EN 61000-3-3 EMC immunity: EN 300386, EN 55024 / CISPR 24, IEC/EN 61000-6-2 Equipment safety: IEC/EN 60950-1 (CB scheme) FCC 47 CFR Part 15 Class B UL 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	

CryptoServer LAN V4
Technical Data

2 CryptoServer LAN V4c (DC power supply)

Dimensions	Height	88 mm (2 height units)
	Width	446 mm excluding brackets (19 inch rack mount)
	Depth	472 mm excluding handles
Weight		13 kg
Power supply	DC power supply, redundant	42 ~ 60 V DC, 2 x 350 W Power consumption typically 80 W, maximum 95 W
Heat dissipation		324 BTU/h
Interfaces on the front face	1 x USB "USB Host"	USB port of CryptoServer LAN
	1 x USB "USB CS"	USB port of CryptoServer PCI Express plug-in card
Interfaces behind front door	1 x USB "USB Host"	USB port of CryptoServer LAN
	1 x USB "USB CS2"	USB port of CryptoServer PCI Express plug-in card, currently not supported, not connected

CryptoServer LAN V4
Technical Data

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	90.000 hours at 25° C / 77° F	
RoHS, WEEE	RoHS II compliant, Elektro-Altgeräte-Register DE39805015	
Conformity	EMC emission: CISPR 22 / CISPR 32 Class A EMC immunity: EN 300386, EN 55024 / CISPR 24, IEC/EN 61000-6-2 Equipment safety: IEC/EN 60950-1 (CB scheme) FCC 47 CFR Part 15 Class A UL 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	

CryptoServer LAN V4
Technical Data

3 CryptoServer LAN V4b (AC power supply)

Dimensions	Height	88 mm (2 height units)
	Width	446 mm excluding brackets (19 inch rack mount)
	Depth	472 mm excluding handles
Weight		13 kg
Power supply	AC power supply, redundant	90 ~ 264 V AC, 47~63 Hertz, 2 x 320 W Power consumption typically 75 W / 85 VA, maximum 90 W / 100 VA
Heat dissipation		307 BTU/h
Interfaces on the front face	1 x USB "USB Host"	USB port of CryptoServer LAN
	1 x USB "USB CS"	USB port of CryptoServer PCI Express plug-in card
Interfaces behind front door	1 x USB "USB Host"	USB port of CryptoServer LAN
	1 x USB "USB CS2"	USB port of CryptoServer PCI Express plug-in card, currently not supported, not connected

CryptoServer LAN V4
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Interfaces on the rear face	1 x DB15	VGA connector (screen)
	2 x RJ45	10/100/1000 MBit Ethernet
	1 x USB	USB port of CryptoServer LAN
	1 x PS2	Keyboard
Interfaces on CryptoServer slot bracket	Depending on CryptoServer model	CryptoServer Se-Series: 1 x USB, 1 x DB9 RS.232 CryptoServer CSe-Series: 1 x USB
Environmental temperature	in operation	CryptoServer Se-Series: +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	90.000 hours	
RoHS, WEEE	RoHS II compliant, Elektro-Altgeräte-Register DE39805015	
Conformity	EMC emission: EN 55022 Class B, CISPR 22 / CIPSR 24 Class B, EN 61000-3-2, EN 61000-3-3 EMC immunity: EN 300386, EN 55024, EN 61000-6-2 Equipment safety: IEC/EN 60950-1 (CB scheme) FCC 47 CFR Part 15 Class B UL 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	

CryptoServer LAN V4
Technical Data

4 CryptoServer LAN V4b (DC power supply)

Dimensions	Height	88 mm (2 height units)
	Width	446 mm excluding brackets (19 inch rack mount)
	Depth	472 mm excluding handles
Weight		13 kg
Power supply	DC power supply, redundant	-36 ~ -72 V DC, 2 x 350 W Power consumption typically 80 W, maximum 95 W
Heat dissipation		324 BTU/h
Interfaces on the front face	1 x USB "USB Host"	USB port of CryptoServer LAN
	1 x USB "USB CS"	USB port of CryptoServer PCI Express plug-in card
Interfaces behind front door	1 x USB "USB Host"	USB port of CryptoServer LAN
	1 x USB "USB CS2"	USB port of CryptoServer PCI Express plug-in card, currently not supported, not connected

CryptoServer LAN V4
Technical Data

Interfaces on the rear face	1 x DB15	VGA connector (screen)
	2 x RJ45	10/100/1000 MBit Ethernet
	1 x USB	USB port of CryptoServer LAN
	1 x PS2	Keyboard
Interfaces on CryptoServer slot bracket	Depending on CryptoServer model	CryptoServer Se-Series: 1 x USB, 1 x DB9 RS.232 CryptoServer CSe-Series: 1 x USB
Environmental temperature	in operation	CryptoServer Se-Series: +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	90.000 hours at 25° C / 77° F	
RoHS, WEEE	RoHS II compliant, Elektro-Altgeräte-Register DE39805015	
Conformity	EMC emission: EN 55022 Class A, CISPR 22 / CISPR 24 Class A EMC immunity: EN 300386, EN 55024, EN 61000-6-2 Equipment safety: IEC/EN 60950-1 (CB scheme) FCC 47 CFR Part 15 Class A UL 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	