

# KISS 2U SHORT V2 KTQ87

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## HIGH PERFORMANCE COMPUTER PLATFORM FOR CHALLENGING OR NOISE SENSITIVE ENVIRONMENTS

- ▶ low noise < 35 dBa
- ▶ rugged design - shock protected drive bays
- ▶ easy customization with modified standard (MoSt) concept
- ▶ predictive maintenance with remote diagnostic

POSSIBILITIES START HERE



**kontron**

## TECHNICAL INFORMATION

SYSTEM		KISS 2U Short V2 KTQ87
DIMENSION (H X W X D)		88 x 482 x 350 mm (2U x 19" x 13.78")
WEIGHT		Approx. 8 kg
FRONT I/Os		2x USB 2.0
REAR I/Os		2x GByte LAN, 4x USB 3.0, 3x Displayport, HD Audio, 1x RS232
FRONT CONTROL		ATX Switch
ACCESSIBLE DRIVE BAYS		1x 5.25", 1x 3.5"
INTERNAL DRIVE BAYS		1x 3.5"
POWER SUPPLY		100-240 V AC 400 W (80+)
EXPANSION SLOTS		PCIe x16 socket with Gen3 and Gen2 support, 1x PCIe x4, 1x PCIe x1, 1x PCI rev 2.3 on low profile 2x PCI 32 Bit or 1x PCIe x16 + 1x PCIe x4, or 1x PCI 32 Bit + 1x PCIe x16 on std version
CPU BOARD		KTQ87/Flex
CHIPSET		Q87
MEMORY		Up to 32 GByte DDR3
PROCESSOR		i3-4330 3.5 GHz, i5-4570S 2.90 GHz, i7-4770S 3.1 GHz
COOLING		Two hot swappable chassis fans, air filter
TEMPERATURE	<b>NON OPERATING OPERATING</b>	-20 °C - + 70 °C (-4 °F - 154 °F) 0 °C - + 50 °C (32 °F - 122 °F)
HUMIDITY	<b>OPERATING/NON OPERATING</b>	10-95 % relative humidity at 40 °C non condensing
SHOCK	<b>OPERATING</b>	15 g, 11 ms
VIBRATION	<b>OPERATING</b>	10-500 Hz, 1g
NOISE		< 35 dBA
APPROVALS		CE, designed to meet UL
PROTECTION CLASS		IP 20 optional IP 52
OPTIONS		DVD RW, KISS DA135, KISS DA225, KISS StorSlim

## ORDERING INFORMATION

RECOMMENDED CONFIGURATION	DESCRIPTION	MATERIAL NUMBER
KISS 2U SHORT V2 KTQ87/FLEX	KISS 2U Short KTQ87/FLEX, Intel i3-4330, 8 GB DDR, DVD R/RW, DA225 500 GB, SATA Raid PCIe x1, PCI + PCIe, AC 400 W, no OS, US + EMEA Powercable	2-A0JC-2003
KISS 2U SHORT V2 KTQ87/FLEX	KISS 2U Short KTQ87/FLEX, Standard cage: PCI + PCIe, Intel i5-4570S, 16 GB DDR, 5,25" DVD/RW, SATA 1 TB, AC 400 W, Windows 7 64 bit, US + EMEA Powercable	2-A0JC-2008
KISS 2U SHORT V2 KTQ87/FLEX	KISS 2U Short KTQ87/FLEX, Standard cage: PCI + PCIe, Intel i7-4770S, 32 GB DDR, 5,25" DVD/RW, SATA 1 TB, AC 400 W, Windows 7 64 bit, US + EMEA Powercable	2-A0JC-2009
KISS 2U SHORT V2 KTQ87/FLEX	KISS 2U Short KTQ87/FLEX, Intel i5-4570s, 8 GB RAM, DVD R/RW, 1 TB HDD, PCI + PCIe, AC 400 W, WIN 7 Ultimate, US + EMEA Powercable	2-A0JC-2010
KISS 2U SHORT V2 KTQ87/FLEX BAREBONE	Barebone KISS 2U Short KTQ87/FLEX, Standard cage AC 400 W, CPU Cooler, US + EMEA Powercable	2-A0JC-0002

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