» KISS 4U PCI-760 MIL «

KISS 4U high quality, ultra rugged Military grade IPC

» MIL-STD 810F
» MIL-STD 461E

The pulse of innovation

KISS 4U PCI-760 MIL
Kontron Industrial Silent Server

The KISS 4U Mil IPC is a solid robust system that meets the most rigorous MIL-STD specifications in a high performance, low cost rack-mount enclosure.

The enclosure is constructed of 1.5 mm steel , plated for corrosion protection then powder coated for high durability. The drive storage features three front accessible 5 - 1/4 inch drive bays for maximum storage and flexibility.

Technical Information	
System	KISS 4U PCI-760
Product Line	KISS 4U V2
Dimension (H x W x D)	177 x 482 x 472 mm (4U x 19" x 18.58")
Weight	Approx. 15 kg
Interfaces Front	2x USB 2.0
Interfaces of the installed board (rear)	2x USB, 1x VGA, 2x GB LAN
Controls on the frontside	ATX Switch
External accessible drive bays	3x 5.25", 1x 3.5", 1x slim
Internal drive bays	1x 3.5"
Power supply	400 W AC military grade
Expansion slots	1x PCI_e x16, 4x PCI_e x1, 7x PCI 32 Bit
Memory	Up to 8 GB DDR2
Processor	Core™2 Duo E4300; Core™2 Duo E6400; Core™2 Quad Q9400
Temperature	MIL-STD 810F high temperature method 501.4 procedure I + 85°C 36 h
	MIL-STD 810F high temperature method 501.4 procedure II + 60°C 36 h
	MIL-STD 810F low temperature method 502.4 procedure I - 25°C 72 h
	MIL-STD 810F low temperature method 502.4 procedure II - 5°C 72 h
Humidity	MIL-STD 810F humidity method 507.4-1, 5 cycles each 48 h
Vibration	MIL-STD 810F, Vibration, method 514.5, procedure IV, operating, 10-500Hz, 1g, 1oct/min, 45min per axis
	MIL-STD 810F, Vibration, method 514.5, procedure IV, non operating, 10-500Hz, 2g, 1oct/min 45min per axis
	MIL-STD 810F, Vibration, method 514.4, procedure I, cat. 4 and 7
Shock	MIL-STD 810F, Shock, functional, sawtooth, Method 516.5, Procedure I, 40g, 11ms, 3 per axis (total 18 Shocks)
EMI/RFI emission	
Operating	CE102, CS101, CS114, RE102, RS103, CS116
Cooling	Filtered Positive Pressure Cooling System
Noise	< 35 dBA
Approvals	CE, MIL Std 810F, MIL Std 461E
MTBF	50,000 h
Protection Class	Front: IP 20 optional IP 52
Options	KISS DAx (according ISO 16750-1 Class B), Slide Rails, PCI_e Lan Card

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