

» KISS 4U PCI-760 MIL «



KISS 4U high quality, ultra rugged Military grade IPC

» MIL-STD 810F

» MIL-STD 461E

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 mm x 482 mm x 472 mm (4U x 19" x 18.58")
Weight	Approx. 15 kg
Interfaces Front	2 x USB 2.0
Interfaces of the installed board (rear)	2 x USB, 1 x VGA, 2 x GB LAN
Controls on the frontside	ATX Switch
External accessible drive bays	3 x 5,25" , 1 x 3,5" , 1 x slim
Internal drive bays	1 x 3.5"
Power supply	400 W AC military grade
Expansion slots	1 x PCI_e x 16, 4 x PCI_e x 1, 7 x 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	
MIL Std 461E method	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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