



## **KISS 2U V2 Systems**

### **Configuration Guides**

This page is intentionally left blank.

Configuration Options for KISS 2U V2 with PCI-760	
Categories	Select one of each category
<b>Backplane (PICMG 1.3)</b>	
	1* PCIe x16, 1* PCIe x4, 3* PCI, 1* PICMG 1.3
	1* PCIe x16, 1* PCIe x8, 3* PCIe x4, 1* PICMG 1.3
<b>PICMG Board</b>	
	PCI-760
<b>Processor</b>	
	Core™ 2 Duo E4300 (1.8GHz)
	Core™ 2 Duo E8400 (3.00 GHz)
	Core™ 2 Quad Q9400 (2.66GHz)
<b>Memory</b>	
	4GB DDR2
	8GB DDR2
<b>Drive Bay 1 (top)</b>	
<b>Front accessible 5.25"</b>	No
	DVD -R/RW SATA
	KISS DA 135 Hot swap HDD 500 GB
	KISS DA 135 Hot swap HDD 1TB
	KISS DA 135 Hot swap HDD 2TB
	KISS DA 225 2* 2.5" 250 GB hot swap
	KISS DA 225 2* 2.5" 500 GB hot swap
	KISS DA 425 4* 2.5" 250 GB hot swap
	KISS DA 425 4* 2.5" 500 GB hot swap
	KISS DA 235 2* 3.5" 500 GB hot swap + CF adapter
	KISS DA 235 2* 3.5" 1TB hot swap + CF adapter
	KISS DA 235 2* 3.5" 2TB hot swap + CF adapter
	KISS Stor Slim RAID 1 (2* 2.5" 250 GB HDD)
	KISS Stor Slim RAID 1 (2* 2.5" 500 GB HDD)
<b>Drive Bay 2</b>	
<b>Internal 3.5" or front accessible</b>	
	No
	SATA HDD 500GB
	SATA HDD 1TB
	SATA HDD 2TB
	Slim DVD R/W
	SSD 2.5" 40 GB MLC
	SSD 2.5" 80 GB MLC
	SSD 2.5" 120 GB MLC
	SSD 2.5" 160 GB MLC
<b>Drive Bay 3</b>	<b>Not available with redundant PSU</b>
<b>Internal 3.5"</b>	No
	SATA HDD 500 GB
	SATA HDD 1 TB
	SATA HDD 2 TB
<b>Power Supply</b>	
	AC 400W
	DC 24V 300 W
	DC 48V 300 W
	AC redundant 2* 380 W
	Others on request
<b>Graphic Adapter</b>	
	No
	PCIe x16 passive NVS 300
	others on request
<b>Network Adapter</b>	
	No
	PCIe x1 1* RJ45 10/100/1000
	PCIe x4 2* RJ45 10/100/1000
	PCIe x8 4* RJ45 10/100/1000
	others on request
<b>Options</b>	
	No
	Custom Color
	Slide Rails
	PCCM PC Condition Monitoring Software
	EASY USB to RS232 adapter
	others on request
<b>Preinstalled OS</b>	
	No
	Windows XP
	Windows 7 32 bit
	Windows 7 64 bit
	Linux Suse
	Others on request
<b>Variant</b>	
	Desktop
	19" Rack Mount
	Tower
<b>Protection Class</b>	
	Front: IP20
	Front: IP52

Configuration Options for KISS 2U V2 with PCI-761	
Categories	Select one of each category
<b>Backplane (PICMG 1.0)</b>	
	1* PCIe x16, 1* PCIe x4, 3* PCI, 1* PICMG 1.3
	1* PCIe x16, 1* PCIe x8, 3* PCIe x4, 1* PICMG 1.3
<b>PICMG Board</b>	
	PCI-761
<b>Processor</b>	
	Intel® Core™ i3-540 3.06GHz
	Intel® Core™ i5-660 3.33GH
	Intel® Core™ i7-860 2.8GHz
<b>Memory</b>	
	4GB DDR2
	8GB DDR2
<b>Drive Bay 1 (top)</b>	
<b>Front accessible 5.25"</b>	No
	DVD-R/RW SATA
	KISS DA 135 Hot swap HDD 500 GB
	KISS DA 135 Hot swap HDD 1TB
	KISS DA 135 Hot swap HDD 2TB
	KISS DA 225 2* 2.5" 250 GB hot swap
	KISS DA 225 2* 2.5" 500 GB hot swap
	KISS DA 425 4* 2.5" 250 GB hot swap
	KISS DA 425 4* 2.5" 500 GB hot swap
	KISS DA 235 2* 3.5" 500 GB hot swap + CF adapter
	KISS DA 235 2* 3.5" 1TB hot swap + CF adapter
	KISS DA 235 2* 3.5" 2TB hot swap + CF adapter
	KISS Stor Slim RAID 1 (2* 2.5" 250 GB HDD)
	KISS Stor Slim RAID 1 (2* 2.5" 500 GB HDD)
<b>Drive Bay 2</b>	
<b>Internal 3.5" or front accessible</b>	
	No
	SATA HDD 500GB
	SATA HDD 1TB
	SATA HDD 2TB
	Slim DVD R/W
	SSD 2.5" 40 GB MLC
	SSD 2.5" 80 GB MLC
	SSD 2.5" 120 GB MLC
	SSD 2.5" 160 GB MLC
<b>Drive Bay 3</b>	<b>Not available with redundant PSU</b>
<b>Internal 3.5"</b>	No
	SATA HDD 500 GB
	SATA HDD 1 TB
	SATA HDD 2 TB
<b>Power Supply</b>	
	AC 400W
	DC 24V 300 W
	DC 48V 300 W
	AC redundant 2* 380 W
	Others on request
<b>Graphic Adapter</b>	
	No
	PCIe x16 passive NVS 300
	others on request
<b>Network Adapter</b>	
	No
	PCIe x1 1* RJ45 10/100/1000
	PCIe x4 2* RJ45 10/100/1000
	PCIe x8 4* RJ45 10/100/1000
	others on request
<b>Options</b>	
	No
	Custom Color
	Slide Rails
	PCCM PC Condition Monitoring Software
	EASY USB to RS232 adapter
	others on request
<b>Preinstalled OS</b>	
	No
	Windows XP
	Windows 7 32 bit
	Windows 7 64 bit
	Linux Suse
	Others on request
<b>Variant</b>	
	Desktop
	19" Rack Mount
	Tower
<b>Protection Class</b>	
	Front: IP20
	Front: IP52

Configuration Option for KISS 2U V2 with KTQ45/Flex	
Categories	Select one of each category
<b>Mainboard</b>	KTQ45/Flex
<b>Expansion Slots</b>	
<b>via adapter card</b>	2* PCI 32 Bit, full size 1* PCIe *16, 1* PCIe *4, full size 1* PCIe *16, 1* PCI 32 Bit full size
<b>Processor</b>	Intel® Core™ 2 Duo E8400 (3.00 GHz) Intel® Core™ 2 Quad Q9400 (2.66 GHz)
<b>Memory</b>	4GB DDR3 8GB DDR3
<b>Drive Bay 1 (top)</b>	
<b>Front accessible 5.25"</b>	No DVD-R/RW SATA KISS DA 135 Hot swap HDD 500 GB KISS DA 135 Hot swap HDD 1TB KISS DA 135 Hot swap HDD 2TB KISS DA 225 2* 2.5" 250 GB hot swap KISS DA 225 2* 2.5" 500 GB hot swap KISS DA 425 4* 2.5" 250 GB hot swap KISS DA 425 4* 2.5" 500 GB hot swap KISS DA 235 2* 3.5" 500 GB hot swap + CF adapter KISS DA 235 2* 3.5" 1TB hot swap + CF adapter KISS DA 235 2* 3.5" 2TB hot swap + CF adapter KISS Stor Slim RAID 1 (2* 2.5" 250 GB HDD) KISS Stor Slim RAID 1 (2* 2.5" 500 GB HDD)
<b>Drive Bay 2</b>	
<b>Internal 3.5" or front accessible</b>	No SATA HDD 500GB SATA HDD 1TB SATA HDD 2TB Slim DVD R/W SSD 2.5" 40 GB MLC SSD 2.5" 80 GB MLC SSD 2.5" 120 GB MLC SSD 2.5" 160 GB MLC
<b>Drive Bay 3</b>	<b>Not available with redundant PSU</b>
<b>Internal 3.5"</b>	No SATA HDD 500 GB SATA HDD 1 TB SATA HDD 2 TB
<b>Power Supply</b>	AC 400W DC 24V 300 W DC 48V 300 W AC redundant 2* 380 W Others on request
<b>Graphic Adapter</b>	No PCIe x16 passive NVS 300 others on request
<b>Network Adapter</b>	No PCIe x1 1* RJ45 10/100/1000 PCIe x4 2* RJ45 10/100/1000 PCIe x8 4* RJ45 10/100/1000 others on request
<b>RAID Controller</b>	No SATA PCIe x4
<b>Options</b>	No Custom Color Slide Rails PCCM PC Condition Monitoring Software EASY USB to RS232 adapter EASY RS485/422 (RS232 to RS485/422 adapter) others on request
<b>Preinstalled OS</b>	No Windows XP Windows 7 32 bit Windows 7 64 bit Linux Suse Others on request
<b>Variant</b>	Desktop 19" Rack Mount Tower
<b>Protection Class</b>	Front: IP20 Front: IP52

Configuration Option for KISS 2U V2 with KTQ45/Flex, Low Profile	
Categories	Select one of each category
<b>Mainboard</b>	KTQ45/Flex
<b>Expansion Slots</b>	1* PCIe x4 (as PCIe x16 slot), 1* PCIe x16, 2* PCI 32 Bit
<b>Processor</b>	Intel® Core™ 2 Duo E8400 (3.00 GHz) Intel® Core™ 2 Quad Q9400 (2.66 GHz)
<b>Memory</b>	4GB DDR3 8GB DDR3
<b>Drive Bay 1 (top)</b>	No
<b>Front accessible 5.25"</b>	DVD-R/RW SATA KISS DA 135 Hot swap HDD 500 GB KISS DA 135 Hot swap HDD 1TB KISS DA 135 Hot swap HDD 2TB KISS DA 225 2* 2.5" 250 GB hot swap KISS DA 225 2* 2.5" 500 GB hot swap KISS DA 425 4* 2.5" 250 GB hot swap KISS DA 425 4* 2.5" 500 GB hot swap KISS DA 235 2* 3.5" 500 GB hot swap + CF adapter KISS DA 235 2* 3.5" 1TB hot swap + CF adapter KISS DA 235 2* 3.5" 2TB hot swap + CF adapter KISS Stor Slim RAID 1 (2* 2.5" 250 GB HDD) KISS Stor Slim RAID 1 (2* 2.5" 500 GB HDD)
<b>Drive Bay 2</b>	<b>Internal 3.5" or front accessible</b>
	No SATA HDD 500GB SATA HDD 1TB SATA HDD 2TB Slim DVD R/W SSD 2.5" 40 GB MLC SSD 2.5" 80 GB MLC SSD 2.5" 120 GB MLC SSD 2.5" 160 GB MLC
<b>Drive Bay 3</b>	<b>Not available with redundant PSU</b>
<b>Internal 3.5"</b>	No SATA HDD 500 GB SATA HDD 1 TB SATA HDD 2 TB
<b>Power Supply</b>	AC 400W DC 24V 300 W DC 48V 300 W AC redundant 2* 380 W Others on request
<b>Graphic Adapter</b>	No PCIe x16 passive NVS 300 others on request
<b>Network Adapter</b>	No PCIe x1 1* RJ45 10/100/1000 PCIe x4 2* RJ45 10/100/1000 PCIe x8 4* RJ45 10/100/1000 others on request
<b>RAID Controller</b>	No SATA PCIe x4
<b>Options</b>	No Custom Color Slide Rails PCCM PC Condition Monitoring Software EASY USB to RS232 adapter EASY RS485/422 (RS232 to RS485/422 adapter) others on request
<b>Preinstalled OS</b>	No Windows XP Windows 7 32 bit Windows 7 64 bit Linux Suse Others on request
<b>Variant</b>	Desktop 19" Rack Mount Tower
<b>Protection Class</b>	Front: IP20 Front: IP52

Configuration Option for KISS 2U V2 with KTQ67/Flex	
Categories	Select one of each category
<b>Mainboard</b>	KTQ67/Flex
<b>Expansion Slots</b>	
<b>via adapter card</b>	2* PCI 32 Bit, full size
	1* PCIe *16, 1* PCIe *4, full size
	1* PCIe *16, 1* PCI 32 Bit full size
<b>Processor</b>	Intel® Core™ i3-2120 3.3GHz
	Intel® Core™ i5-2400 3.1GHz
	Intel® Core™ i7-2600 3.4GHz
<b>Memory</b>	4GB DDR3
	8GB DDR3
	16GB DDR3
<b>Drive Bay 1 (top)</b>	
<b>Front accessible 5.25"</b>	No
	DVD-R/RW SATA
	KISS DA 135 Hot swap HDD 500 GB
	KISS DA 135 Hot swap HDD 1TB
	KISS DA 135 Hot swap HDD 2TB
	KISS DA 225 2* 2.5" 250 GB hot swap
	KISS DA 225 2* 2.5" 500 GB hot swap
	KISS DA 425 4* 2.5" 250 GB hot swap
	KISS DA 425 4* 2.5" 500 GB hot swap
	KISS DA 235 2* 3.5" 500 GB hot swap + CF adapter
	KISS DA 235 2* 3.5" 1TB hot swap + CF adapter
	KISS DA 235 2* 3.5" 2TB hot swap + CF adapter
	KISS Stor Slim RAID 1 (2* 2.5" 250 GB HDD)
	KISS Stor Slim RAID 1 (2* 2.5" 500 GB HDD)
<b>Drive Bay 2</b>	
<b>Internal 3.5" or front accessible</b>	No
	SATA HDD 500GB
	SATA HDD 1TB
	SATA HDD 2TB
	Slim DVD R/W
	SSD 2.5" 40 GB MLC
	SSD 2.5" 80 GB MLC
	SSD 2.5" 120 GB MLC
	SSD 2.5" 160 GB MLC
<b>Drive Bay 3</b>	<b>Not available with redundant PSU</b>
<b>Internal 3.5"</b>	No
	SATA HDD 500 GB
	SATA HDD 1 TB
	SATA HDD 2 TB
<b>Power Supply</b>	AC 400W
	DC 24V 300 W
	DC 48V 300 W
	AC redundant 2* 380 W
	Others on request
<b>Graphic Adapter</b>	No
	PCIe x16 passive NVS 300
	others on request
<b>Network Adapter</b>	No
	PCIe x1 1* RJ45 10/100/1000
	PCIe x4 2* RJ45 10/100/1000
	PCIe x8 4* RJ45 10/100/1000
	others on request
<b>RAID Controller</b>	No
	SATA PCIe x4
<b>Options</b>	No
	Custom Color
	Slide Rails
	PCCM PC Condition Monitoring Software
	EASY USB to RS232 adapter
	EASY RS485/422 (RS232 to RS485/422 adapter)
	others on request
<b>Preinstalled OS</b>	No
	Windows XP
	Windows 7 32 bit
	Windows 7 64 bit
	Linux Suse
	Others on request
<b>Variant</b>	Desktop
	19" Rack Mount
	Tower
<b>Protection Class</b>	Front: IP20
	Front: IP52

Configuration Option for KISS 2U V2 with KTQ67/Flex, Low Profile	
Categories	Select one of each category
<b>Mainboard</b>	KTQ67/Flex
<b>Expansion Slots</b>	1* PCIe x4 (as PCIe x16 slot), 1* PCIe x16, 2* PCI 32 Bit
<b>Processor</b>	Intel® Core™ i3-2120 3.3GHz Intel® Core™ i5-2400 3.1GHz Intel® Core™ i7-2600 3.4GHz
<b>Memory</b>	4GB DDR3 8GB DDR3 16GB DDR3
<b>Drive Bay 1 (top)</b>	
<b>Front accessible 5.25"</b>	No DVD-R/RW SATA KISS DA 135 Hot swap HDD 500 GB KISS DA 135 Hot swap HDD 1TB KISS DA 135 Hot swap HDD 2TB KISS DA 225 2* 2.5" 250 GB hot swap KISS DA 225 2* 2.5" 500 GB hot swap KISS DA 425 4* 2.5" 250 GB hot swap KISS DA 425 4* 2.5" 500 GB hot swap KISS DA 235 2* 3.5" 500 GB hot swap + CF adapter KISS DA 235 2* 3.5" 1TB hot swap + CF adapter KISS DA 235 2* 3.5" 2TB hot swap + CF adapter KISS Stor Slim RAID 1 (2* 2.5" 250 GB HDD) KISS Stor Slim RAID 1 (2* 2.5" 500 GB HDD)
<b>Drive Bay 2</b>	
<b>Internal 3.5" or front accessible</b>	No SATA HDD 500GB SATA HDD 1TB SATA HDD 2TB Slim DVD R/W SSD 2.5" 40 GB MLC SSD 2.5" 80 GB MLC SSD 2.5" 120 GB MLC SSD 2.5" 160 GB MLC
<b>Drive Bay 3</b>	<b>Not available with redundant PSU</b>
<b>Internal 3.5"</b>	No SATA HDD 500 GB SATA HDD 1 TB SATA HDD 2 TB
<b>Power Supply</b>	AC 400W DC 24V 300 W DC 48V 300 W AC redundant 2* 380 W Others on request
<b>Graphic Adapter</b>	No PCIe x16 passive NVS 300 others on request
<b>Network Adapter</b>	No PCIe x1 1* RJ45 10/100/1000 PCIe x4 2* RJ45 10/100/1000 PCIe x8 4* RJ45 10/100/1000 others on request
<b>RAID Controller</b>	No SATA PCIe x4
<b>Options</b>	No Custom Color Slide Rails PCCM PC Condition Monitoring Software EASY USB to RS232 adapter EASY RS485/422 (RS232 to RS485/422 adapter) others on request
<b>Preinstalled OS</b>	No Windows XP Windows 7 32 bit Windows 7 64 bit Linux Suse Others on request
<b>Variant</b>	Desktop 19" Rack Mount Tower
<b>Protection Class</b>	Front: IP20 Front: IP52



Configuration Option for KISS 2U V2 with X9SCM-F, Low Profile	
Categories	Select one of each category
<b>Mainboard</b>	X9SCM-F MicroATX
<b>Expansion Slots</b>	2* PCIe x4 (as PCIe x8 slots), 2* PCIe x8
<b>Processor</b>	Intel® Xeon® E3-1275 (8M Cache, 3.40 GHz) Intel® Xeon® E3-1225 (6M Cache, 3.10 GHz)
<b>Memory</b>	8GB DDR3 ECC 16GB DDR3 ECC 32GB DDR3 ECC
<b>Drive Bay 1 (top)</b>	
<b>Front accessible 5.25"</b>	No DVD-R/RW SATA KISS DA 135 Hot swap HDD 500 GB KISS DA 135 Hot swap HDD 1TB KISS DA 135 Hot swap HDD 2TB KISS DA 225 2* 2.5" 250 GB hot swap KISS DA 225 2* 2.5" 500 GB hot swap KISS DA 425 4* 2.5" 250 GB hot swap KISS DA 425 4* 2.5" 500 GB hot swap KISS DA 235 2* 3.5" 500 GB hot swap + CF adapter KISS DA 235 2* 3.5" 1TB hot swap + CF adapter KISS DA 235 2* 3.5" 2TB hot swap + CF adapter KISS Stor Slim RAID 1 (2* 2.5" 250 GB HDD) KISS Stor Slim RAID 1 (2* 2.5" 500 GB HDD)
<b>Drive Bay 2</b>	
<b>Internal 3.5" or front accessible</b>	No SATA HDD 500GB SATA HDD 1TB SATA HDD 2TB Slim DVD R/W SSD 2.5" 40 GB MLC SSD 2.5" 80 GB MLC SSD 2.5" 120 GB MLC SSD 2.5" 160 GB MLC
<b>Drive Bay 3</b>	<b>Not available with redundant PSU</b>
<b>Internal 3.5"</b>	No SATA HDD 500 GB SATA HDD 1 TB SATA HDD 2 TB
<b>Power Supply</b>	AC 400W DC 24V 300 W DC 48V 300 W AC redundant 2* 380 W Others on request
<b>Graphic Adapter</b>	No PCIe x16 passive NVS 300 others on request
<b>Network Adapter</b>	No PCIe x1 1* RJ45 10/100/1000 PCIe x4 2* RJ45 10/100/1000 PCIe x8 4* RJ45 10/100/1000 others on request
<b>RAID Controller</b>	No SATA PCIe x4
<b>Options</b>	No Custom Color Slide Rails PCCM PC Condition Monitoring Software EASY USB to RS232 adapter EASY RS485/422 (RS232 to RS485/422 adapter) others on request
<b>Preinstalled OS</b>	No Windows XP Windows 7 32 bit Windows 7 64 bit Linux Suse Others on request
<b>Variant</b>	Desktop 19" Rack Mount Tower
<b>Protection Class</b>	Front: IP20 Front: IP52