

KEYBOARDS

Advanced Military- and Industrial-Grade HMI Devices

General Digital offers a variety of rack mount, panel mount, desktop, and specialized keyboards that are a perfect pairing with our ruggedized LCD monitors, smart displays, workstations, or your existing display solution.

Our rugged, durable enclosures are specially designed to suit the rigors of their intended environments, ensuring you have the best keyboard for your application.

Additionally, they're built to withstand high shock, vibration, electromagnetic and radio-frequency interference (EMI/RFI), as well as airborne and liquid contaminants. Keyboards certified to military standards are available upon request.

General Digital's industry-leading design and commitment to configuration and revision control for our thousands of custom options and enhancements produce an indispensable human-machine interface that will serve for decades.



SRK-100 Series keyboard configured to meet U.S. Navy requirements for military and avionic applications

STANDARD FEATURES

- » Top quality enclosures
 - › Desktop, rack mount, panel mount
 - › Military and industrial grade
 - › Polycarbonate, aluminum, stainless steel
 - › Full-size, compact
- » Ivory, black or beige keys
- » Integrated pointing devices with mouse buttons
 - › Trackball, touch pad, HulaPoint®
- » USB, PS/2, Serial, Sun® interfaces supported
- » Several models meet mil-spec shock and vibration standards

OPTIONS

- » Custom enclosures
- » Spill/splash/waterproof/dustproof enclosures
 - › Includes silicone rubber key switches
- » Custom interfaces supported
- » EMI/RFI shielding
- » Wrist rest
- » Backlit and NVIS goggle-compatible keys
 - › Green, blue, amber, custom colors
 - › Adjustable brightness level
- » Integrated Smart Card (CAC) reader and other security
- » Integrated KVM (Keyboard/Video/Mouse) switches
- » Latching T-handle on rack mount models

KEYBOARDS

RACK MOUNT I (Inquire about alternate configurations)

	PROPERTIES	90-750-065-A	90-750-041-A	90-750-077-A
	Class	MRK Series	MRK Series	MRK Series
KEYBOARD	Grade	Military	Military	Military
	Number of Keys	82	121	121
	Backlight Color	Red	Red	Red
	Interface	USB	PS/2	USB
	Connector	D38999/20WC35PN	DE-9P	DE-9P
POINTING DEVICE	Type	Trackball	Trackball	Trackball
	Size (inches)	2.0"	1-3/8"	2.0"
	Buttons	3	3	3
	Sealed	Yes	Yes	Yes
MECHANICAL	Enclosure Color	Black	Black	Black
	Dimensions (H x W x D)	2.36" x 18.69" x 12.00"	N/A	2.35" x 17.73" x 14.50"
	Rack Depth	25.00"	N/A	22.00"
CERTS	Meets or Built to be in Compliance	MIL-STD-810 Vibration & Shock; MIL-STD-461 EMI/RFI	MIL-STD-810 Vibration & Shock; MIL-STD-461 EMI/RFI	MIL-STD-810 Vibration & Shock; MIL-STD-461 EMI/RFI
SPECIAL	Notable Components and Features	Integrated Smart Card (CAC) Reader; Auxiliary USB Port; Extended Keyboard Drain	Rack Adaptor Kit; KB Brightness Control; Shock Sensing; Keycap Clips	KB Brightness Control; Integrated Wrist Rest

82-key rack mount mil-grade backlit keyboard with 2" trackball, 4 mouse buttons, front-mounted USB port and Smart Card reader



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RACK MOUNT II (Inquire about alternate configurations)

	PROPERTIES	90-750-080-B	90-750-096	90-750-103
	Class	MRK Series	MRK Series	MRK Series
KEYBOARD	Grade	Military	Military	Military
	Number of Keys	121	121	121
	Backlight Color	Red	Green	Red
	Interface	USB	USB	USB
	Connector	DE-9P	DE-9P	DE-9P
POINTING DEVICE	Type	Trackball	Trackball	Trackball
	Size (inches)	1-3/8"	1-3/8"	2.0"
	Buttons	3	3	4
	Sealed	Yes	Yes	Yes
MECHANICAL	Enclosure Color	Black	Black	Black
	Dimensions (H x W x D)	1.33" x 17.86" x 12.60"	1.33" x 17.66" x 12.60"	2.35" x 16.92" x 14.50"
	Rack Depth	18.00"	18.00"	22.00"
CERTS	Meets or Built to be in Compliance	MIL-STD-810 Vibration & Shock; MIL-STD-461 EMI/RFI	—	MIL-STD-810 Vibration & Shock; MIL-STD-461 EMI/RFI
SPECIAL	Notable Components and Features	KB Brightness Control; Shock Sensing; Keycap Clips; Integrated Wrist Rest	KB Brightness Control; Shock Sensing; Keycap Clips	Backlight Brightness Control; Integrated Wrist Rest; 6' Dual USB Cable



121-key rugged rack mount backlit keyboard with 2" trackball, 4 mouse buttons, slide extensions and integrated wrist rest

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RACK MOUNT III (Inquire about alternate configurations)

	PROPERTIES	90-750-120	90-750-020	90-750-021-B
	Class	IRK Series	IRK Series	IRK Series
KEYBOARD	Grade	Industrial	Industrial	Industrial
	Number of Keys	114	121	121
	Backlight Color	—	—	—
	Interface	USB	PS/2	Sun Type 6 USB
	Connector	USB Type A	DE-9P	DE-9P
POINTING DEVICE	Type	HulaPoint®	Trackball	Trackball
	Size (inches)	—	1-3/8"	1-3/8"
	Buttons	3	3	3
	Sealed	Yes	Yes	Yes
MECHANICAL	Enclosure Color	Black	Black	Black
	Dimensions (H x W x D)	1.75" x 19.00" x 16.00"	N/A	N/A
	Rack Depth	17.00"	N/A	N/A
CERTS	Meets or Built to be in Compliance	MIL-STD-810 Vibration & Shock; MIL-STD-461 EMI/RFI	—	—
SPECIAL	Notable Components and Features	NEMA 12 Sealed; T-Handle; 10' USB Type Cable	Rack Adaptor Kit	Rack Adaptor Kit



114-key NEMA12-sealed keyboard with HulaPoint® pointing device, mounted in rack mount drawer with T-handle

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RACK MOUNT IV (Inquire about alternate configurations)

	PROPERTIES	90-750-033	90-750-042-A	90-750-115
	Class	IRK Series	IRK Series	IRK Series
KEYBOARD	Grade	Industrial	Industrial	Industrial
	Number of Keys	121	121	121
	Backlight Color	—	Red	Red
	Interface	Sun Type 5	PS/2	USB
	Connector	DE-9P	DE-9P	DE-9P
POINTING DEVICE	Type	Trackball	Trackball	Trackball
	Size (inches)	1-3/8"	1-3/8"	1-3/8"
	Buttons	3	3	3
	Sealed	Yes	Yes	Yes
MECHANICAL	Enclosure Color	Black	Black	Black
	Dimensions (H x W x D)	N/A	N/A	N/A
	Rack Depth	N/A	N/A	N/A
CERTS	Meets or Built to be in Compliance	—	—	—
SPECIAL	Notable Components and Features	Rack Adaptor Kit; Drip-proof from Front	Rack Adaptor Kit; Custom Scan Codes Programmed	—

121-key rack mount keyboard
with red backlighting,
1-3/8" trackball,
and padded wrist rest



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PANEL MOUNT (Inquire about alternate configurations)

PROPERTIES	90-750-074-A	90-750-114	90-750-095	90-750-098
Class	MPK Series	MPK Series	MPK Series	MPK Series
KEYBOARD	Grade	Military	Military	Military
	Number of Keys	82	90	121
	Backlight Color	Red	White	NVIS Green
	Interface	USB	USB	USB
	Connector	DE-9P	D38999/20FA35PA	DE-9P
POINTING DEVICE	Type	Trackball	—	Trackball
	Size (inches)	1-3/8"	—	2.0"
	Buttons	2	—	4
	Sealed	Yes	Yes	Yes
MECHANICAL	Enclosure Color	Black Bezel	Black Bezel	Black Bezel
	Dimensions with Bezel (H x W x D)	2.16" x 17.5" x 7.5"	1.67" x 16.69" x 6.87"	2.20" x 17.86" x 11.44"
CERTS	Meets or Built to be in Compliance	MIL-STD-167-1 Compliant; MIL-STD-461 Compliant; MIL-HDBK-454 Compliant; Shock: 40 G for 12.5 ms	MIL-STD-167-1A, Type I (Vibration); MIL-STD-810G, 50G (Shock); NEMA 4 & IP65 (Sealing); MIL-STD-108E (Drip Proof); MIL-STD-810E (Fungus)	MIL-STD-810 Vibration & Shock; MIL-STD-461 EMI/RFI
SPECIAL	Notable Components and Features	United Kingdom Keyboard Layout; Disabled Middle Mouse Button	Separate Numeric Keypad; No Pointing Device	NVIS Class B Backlit; Keyboard Backlight Blackout Control

Panel mount 121-key keyboard includes full numeric keypad



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DESKTOP I (Inquire about alternate configurations)

PROPERTIES		90-750-085	90-750-112	90-750-131-A
Class		MDK Series	MDK Series	MDK Series
KEYBOARD	Grade	Military	Military	Military
	Number of Keys	114	121	121
	Backlight Color	—	Red	Red
	Interface	USB	USB (x2)	USB
	Connector	USB Type A	DE-9P	D38999/20WC35PN
POINTING DEVICE	Type	Touch Pad	Trackball	Trackball
	Size (inches)	N/A	1-3/8"	2.0"
	Buttons	2	3	4
	Sealed	Yes	Yes	Yes
MECHANICAL	Enclosure Color	Black	Black	Black
	Dimensions (H x W x D)	1.51" x 16.92" x 8.56"	1.46" x 16.92" x 8.56"	1.77" x 18.75" x 13.00"
CERTS	Meets or Built to be in Compliance	MIL-STD-108 (Drip Proof); MIL-STD-810, Method 508 (Fungus); MIL-DTL-901E, Grade B, Class 1, Type B; MIL-STD-167-1A, Type 1 (Vibration)	MIL-STD-810 Vibration & Shock; MIL-STD-461 EMI/RFI	MIL-STD-810 Vibration & Shock; MIL-STD-461 EMI/RFI
SPECIAL	Notable Components and Features	Numeric Keypad; Low Smoke Zero Halogen (LSZH) Cables	Keyboard Brightness Control; Shock Sensing; Keycap Clips; 10' DE-9S Dual USB Type A Cable	Smart Card (CAC) Reader; Internal USB Hub; Desktop Mounting Brackets; Extended Keyboard Drain

Military-grade 82-key desktop keyboard with 2" trackball, backlit keys, integrated Smart Card (CAC) reader, and military-style interface connector



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DESKTOP II (Inquire about alternate configurations)

	PROPERTIES	90-750-064	90-750-049-C	90-750-117
	Class	IDK Series	IDK Series	IDK Series
KEYBOARD	Grade	Industrial	Industrial	Industrial
	Number of Keys	82	121	121
	Backlight Color	—	—	—
	Interface	USB	PS/2	USB
	Connector	DE-9P	DE-9P	DE-9P
POINTING DEVICE	Type	Trackball	Trackball	Touch Pad
	Size (inches)	1-3/8"	1-3/8"	—
	Buttons	3	3	3
	Sealed	Yes	Yes	Yes
MECHANICAL	Enclosure Color	Black	Black	Black
	Dimensions (H x W x D)	N/A	N/A	1.152" x 16.92" x 8.56"
CERTS	Meets or Built to be in Compliance	—	—	MIL-STD-108 (Drip Proof); MIL-STD-810, Method 508 (Fungus); MIL-DTL-901E, Grade B, Class 1, Type B; MIL-STD-167-1A, Type 1 (Vibration)
SPECIAL	Notable Components and Features	Drip-proof from Front	—	Separate Numeric Keypad

Custom 118-key desktop keyboard includes two 1-3/8" trackballs



KEYBOARDS

SPECIALIZED

	PROPERTIES	90-750-099	90-750-104	90-750-113
	Class	MSK Series	MSK Series	ISK Series
KEYBOARD	Grade	Military	Military	Industrial
	Number of Keys	82	100	114
	Backlight Color	Red	Green	—
	Interface	USB	USB	PS/2
	Connector	DE-9P	USB Type A	Attached Cable
POINTING DEVICE	Type	Trackball	Trackball	N/A
	Size (inches)	1-3/8"	2.5"	N/A
	Buttons	3	4	N/A
	Sealed	No	Yes	Yes
MECHANICAL	Enclosure Color	Black	Dull Gull Gray	Stainless Steel
	Dimensions (H x W x D)	N/A	3.02" x 18.33" x 21.43"	N/A
CERTS	Meets or Built to be in Compliance	MIL-STD-461 Compliant; MIL-DTL-901 Compliant	MIL-STD-810 Vibration & Shock; MIL-STD-461 EMI/RFI	UL60950; FCC Part 15 Class B
SPECIAL	Notable Components and Features	Rack Mount Enclosure; Smart Card (CAC) Reader; Cable Management Guide	Lightweight Carbon Fiber Enclosure; 20-key Backlit Function Keypad; Force-operated Joystick; Capped Reset Switch; Keyboard Selector Knob; Auxiliary USB Port; Textured Writing Surface & Stylus Holder; REX Supported; U.S. Navy Aircraft Compatible	Stainless Steel NEMA 4/4X Desktop Enclosure; 24 Function Keys; 10-key Numeric Keypad



Rack mount 82-key keyboard with 1-3/8" trackball, built-in CAC Reader and Cable Management Guide



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