

Model 80 Rugged Keyboard



- ***Summary***
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Product Summary: Compact Rugged Keyboard

The Cortron Model 80 series Rugged Keyboard offers Cortron's ultra-reliability, and quality in a very compact package. The QWERTY key layout, with no number pad is designed to minimize left-right dimensions for increased installation flexibility.

The product is virtually impervious to contaminants found in the harshest applications, both in and out of shelters. Vital electronics and switch bearing surfaces are sealed for long-term survival and protection against water, beverages, sand, dust, dirt, and many chemicals. Units can be cleaned in the sink with soap and hot water or hosed down in the field. The Model 84 is designed and manufactured for reliable trouble-free operation in life dependent applications typical of shipboard, airborne, ground mobile, and severe industrial applications.

The Model 80 key layout and design, like all Cortron keyboards is designed to reduce the stress and strain on end users. High contrast non-backlit and negative image (white on dark) keys with backlighting options provide high visibility in nearly all applications. The sculptured, full travel key switches have been ergonomically positioned for optimal typing and high speed data entry.

Many options and configurations are available – mounting options include table top (with or without feet for bolt down applications) or mounting flange for top panel installation. The Model 80 can be ordered with or without an integral pointing device and/or USB hub for easy integration into your host system.



Table Top Model 80 with 2" Duratrack Trackball



Panel Mount Model 80 with 2" Duratrack trackball

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Product Features

Cortron products are designed with the user in mind. You get rugged, sealed products that can be used every day. Ruggedization is not just an 'afterthought' – it's built in from the ground up. Install it today and depend on it for years. Rugged grade products typically include a limited *LIFETIME* warranty.

Model 80 Keyboards feature (either standard or via selectable options):

Backlighting

Negative image legends (legends glow) and key brightness control available

Backlighting colors: green, red, yellow, white, blue, NVIS Green A or B

Low power backlighting, no extra power needed, plug compatible to typical host ports

Keys, Key Caps and Legends

Cortron ForEver keys / legends are chemically and abrasion resistant

Key legends: Standard USA layout or per customer request

Custom keycap legends and Multi color keys available

High speed data entry, N-Key rollover (easy to type ergonomic keys)

Full-Travel, solid state switches with electronically controlled debounce

Interfaces

USB, SUN USB, PS2, other interfaces upon request

Enclosures

Durable metal enclosure with scratch resistant finish

Panel mount and custom modifications available upon request

Enclosure Colors: Standard are black, Navy gray, Army green, and off-white; Custom colors are available upon request

Cables (optional)

Various lengths, USB (Type A single or pair), PS2 (6 pin Mini DIN), or per customer request

Pointing Devices

Various options available, including 1 3/8" or 2" Trackballs, Puck pointing device, or none

Environmental Protections & Performance

Sealed rain proof, spill proof/sand and dust proof (IP65 and MIL-STD-810) construction

EMI/RFI/ESD/EMP shielded and protected for critical applications

Optional Extreme High Shock Protection (+100gs): Includes shock sensing (Stop Codes) and keycap clips as well as other options



Table Top Model 80 with 2" DuraTrackball



Table Top Model 80 with 1 3/8" trackball

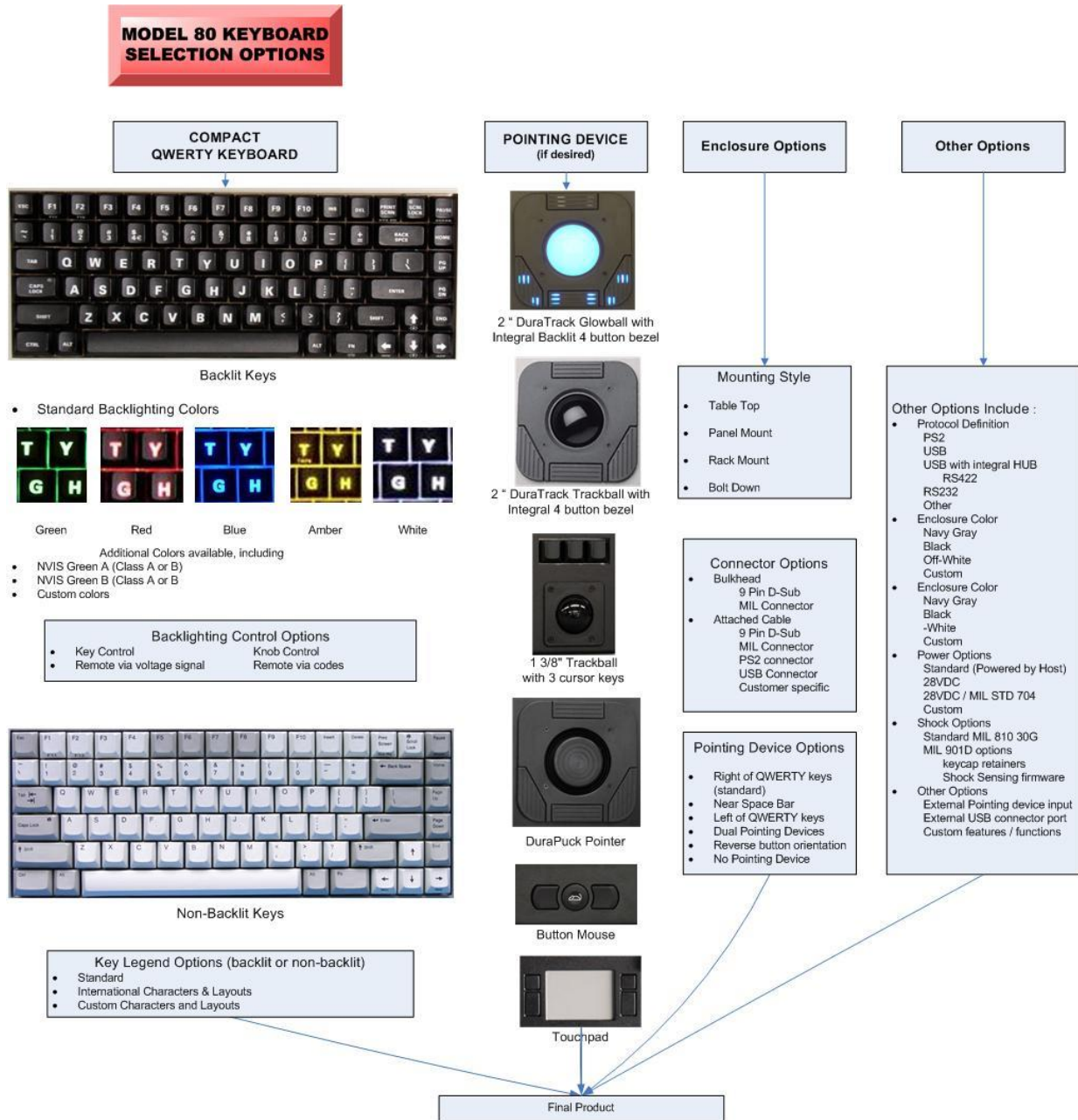
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Product Options

Get What YOU want for YOUR project. With the modular nature of our product options, Cortron will build a keyboard to meet **your** project requirements while still being COTS. With over 1900 active part numbers, there's a good chance that Cortron has already built a product similar to what you are looking for. And if we haven't, we're happy to work with you to make a new version that will meet your application requirements. Contact us today to get a keyboard that meets **your** needs!



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59 Technology Drive, Lowell MA 01851 USA
Tel# 978-975-5445 • Fax# 978-975-0357 • sales@cortroninc.com • www.cortroninc.com

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