

Custom Keyboard Specification Checklist

Answer as many of these as you can and the first quotation comes back complete rather than with questions attached. Send it to sales@keyu-metalkeyboard.com or WhatsApp +86 159 9952 5857.

Layout

- Key count — keypads are commonly 12, 16, 20 and 24 keys; full keyboards 61, 83, 87, 104 and 107 keys
- Key legends and whether Braille is required
- Flat keys or raised keys, and key size
- Function key or combination key requirements

Interface

- USB HID, PS/2, RS232, RS485, TTL, I2C or raw matrix scanning output
- Cable length and exit direction
- Host operating system — Windows, Linux, Ubuntu, Android or an embedded controller

Mounting

- Desktop, panel mounted or embedded into a cabinet
- Front panel dimensions and overall dimensions
- Front mounting or rear mounting
- Panel cutout drawing if you already have one

Finish And Material

- Stainless steel natural colour, black, gold plated or spray finish
- Brushed or other surface treatment
- Whether legends are laser etched or silk screened

Optional Functions

- Backlight and backlight colour
- Integrated trackball, touchpad or mouse buttons
- LCD or TFT display and screen size
- Encryption requirements for payment applications
- Explosion protected construction

Environment

- Indoor, outdoor, washdown, dust, oil or chemical exposure
- Operating and storage temperature range
- Vandalism and impact exposure at the installation

Commercial

- Required approvals for your market — CE, RoHS, FCC, EMC, IP rating, IK rating or BIS
- Quantity for the first order and expected annual volume

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- Whether a sample is needed before mass production
 - Packing requirement and destination port
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How The Order Runs

1. Communication Of Needs — Key count, interface, cable length, keyboard size, mounting method, colour, backlight and Braille requirements are agreed first. Commonly specified key counts are 16, 20 and 24 for keypads and 61 to 107 for full keyboards.

2. Standard Or Custom — Where a catalogue model fits, we say so — it is faster and cheaper. Where it does not, sample development and design start from the requirements agreed in step one.

3. Sample Confirmation — A sample is produced and tested, then shipped for your own testing. Change requests are fed back into another sample round until the part is right.

4. Mass Production — Production runs against the approved sample, with packing and shipping arranged to your forwarder or ours.