

# BLTXM

## Rugged Keyboard



# FENGYU



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### Main Features

Rugged industrial design, with Touchpad, IP65 graded

79 mini-scissor keys, good tactile feeling, being protected by industrial grade silicon membrane

With red backlit

Using industrial grade silicon rubber key design with tactile key feeling

Housings are made of tough Industrial grade materials

Legend are done by laser etching over painting surface, protected by silicon coating on top

FCC, CE, ESD and RFI certified

USB interface or Bluetooth interface (together with USB charging Lithium battery)

Bluetooth version comes with stainless steel bracket and handle

## Technical Data

### [Electronics]

#### USB Interface

Power supply: +5V/DC

Current input: <100mA

#### Bluetooth Interface

BLE Device

Data Rate: 1Mbps

Frequency range: 2402 – 2480 MHz

Tx power: 0 dBm

Rx sensitivity: -96 dBm typ

Antenna: PCB Antenna

Lithium battery: 1000mAH

### [Touchpad]

Active Sensing Area: 77mm x 39mm

Position Detection Method: Mutual capacitance sensing

X/Y Position Sensing Resolution: Up to 12 counts / mm

Tracking Speed: Up to 1,016 mm / sec

Lifetime (Plastic Overlay): Minimum 10,000,000 strokes (500 km)

Sample Rate: Up to 125 samples / sec

### [Mechanical]

Total travel:  $1.2 \pm 0.2$ mm

Peak load before make:  $60 \pm 20$ g

Life Cycle: 5 million keystrokes

### [Others]

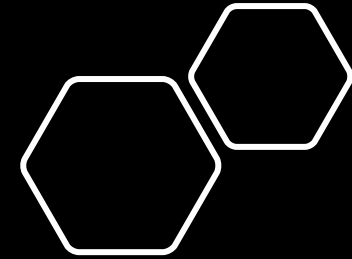
Storage temperature: -55°C to +85°C

Operating temperature: -20°C to +70°C

Operating humidity: 40% to 90%

Housing Material: PC + PBT

Dimensions: 271 x 177 x 17.5 mm



# HENGYU

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