

# RUGGED TABLETS

Focus On Rugged Laptop | KVM | Tablet | Display |  
Joystick | Motherboard | Keyboard and Mouse



# COMPANY PROFILE

Key Technology China Limited, established in 2006, is an ISO9001-2015 and GJB9001C-2017 registered enterprise and leading manufacturer engaged in research, development, sale and service of all kinds of rugged keyboards/input devices for harsh environments covering industrial/military/navy/aerospace/marine/medical/coal & mine/oil and gas/transportation/public access etc. applications. With around two decades of professional technical expertise and a dedicated R&D team, we have expanded our capabilities by establishing Key Technology Rugged System LTD in 2020, a subsidiary focused on delivering high-performance rugged computing solutions, including:

- Rugged Laptops & Servers
- Rugged Displays & Tablets
- Rugged KVM
- Motherboards
- Customized Embedded Systems

Tailed to your needs, our products stand for durability, reliability and cost efficiency, which are engineered to withstand extreme conditions and meet the increased demands of field use, regardless of industry. Committed to reliability under harsh environments, both companies synergize to provide end-to-end ruggedized HMI and delivery cutting-edge computing solutions for global industries. To ensure the quality and reliability of our products, Key Technology Rugged System Ltd manages the entire product development process in-house. From design and prototyping to manufacturing and testing, every step is carefully controlled and monitored to meet rigorous industry standards.



# 01 COMPANY CERTIFICATE



## Company Certificate

ISO9001-2015



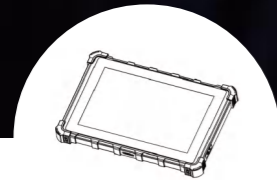
High tech Enterprise Certificate



# 02

## APPLICATION AREA

THE RIGHT SOLUTION FOR EVERY INDUSTRY



Drone



Warehouse



Outdoors



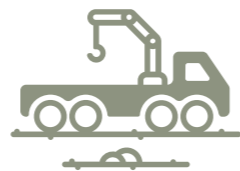
Industry



Medicine



Building



Agriculture



Coal mine



Refinery

# 03

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## Key Technology Rugged System Ltd.

Offers rugged tablets with display sizes ranging from 7 to 15.6 inches, our industrial tablets provide the perfect solution for any application, and are featured with long lifespan with protection classes of IP65 and higher, as well as MIL-STD-810G certification. They are dustproof and waterproof, as well as to withstand shock and vibration, making them ideal for use in challenging environments. Our outdoor tablets and rugged tablets are not only durable but also highly versatile. Whether it's an outdoor Windows tablet or an outdoor Android tablet, they offer a wide range of features. These powerful tablets are perfect for use as construction site tablets or workshop tablets etc. With high performance and rugged design, they are the optimal solution for industrial applications.

Whether you need an industrial tablet that is waterproof and shockproof, or a rugged tablet computer that can withstand extreme temperatures – we have the right device for your needs.



## RGD-TPC-AR0700T-0002A



- Rock chip RK3588 processor
- 7" LED display, visible under strong light
- Built-in capacitive fingerprint recognition module
- Some interfaces use aviation plug interfaces
- Front and rear dual cameras, front 5MP, rear 8MP



<b>Processor:</b>	Rock chip RK3588
<b>Memory:</b>	LP DDR4 8GB
<b>Storage:</b>	256GB EMMC (support TF card expansion)
<b>OS:</b>	Android, Linux system (optional)
<b>Battery:</b>	7000mAh
<b>Display:</b>	7" LED backlight display, 1080 x 1920 resolution, maximum brightness ≥650, visible under strong light
<b>Camera:</b>	Front: 5 MP (fixed focus, with light sensor), Rear: 8 MP (phase autofocus, with flash function)
<b>Fingerprint:</b>	Built-in capacitive fingerprint recognition module, supports more than 8 users
<b>Color:</b>	Army green/Ice grey/Navy grey/Black
<b>Dimension:</b>	140.0mm x 200.0mm x 21.0mm
<b>Material:</b>	Magnesium aluminum alloy
<b>Weight:</b>	0.7KG
<b>Working Temperature:</b>	-20 C ~ +55 C, -40 C ~ +65 C optional
<b>Storage Temperature:</b>	-40 C ~ +60 C
<b>Humid heat:</b>	95%±3%, alternating between +30 C ~+60 C, 48h, no condensation (power off)
<b>Waterproof Level:</b>	IP67
<b>Ports:</b>	1*DC input, 1*Serial port, 2*USB2.0, 1*100M network port, 1*Precision connector interface (2*USB, 1*Network port 1*Serial port; 1*Charging), 1*The 4G/5G system encryption module interface and NFC interface are reserved, among which the 4G/5G system encryption module interface is an optional interface/reserved interface

## RGD-TPC-AR0800T-0004



- Rexchip RK3588 Processor
- 8-inch LED display
- Android mobile operating system
- One rectangular plug, including one power supply  
One Gigabit network/One serial port, one power supply (5w) serial port  
One power supply (5w)



<b>Processor:</b>	Rexchip RK3588 Processor	<b>Memory:</b>	DDR4 8GB
<b>Weight:</b>	0.65KG	<b>Harddisk:</b>	SSD 128 GB
<b>MTBF:</b>	≥3000h	<b>Audio:</b>	Built-in speaker
<b>MTRR:</b>	≤ 30min	<b>Battery:</b>	Li-ion battery 6000mAh
<b>Waterproof Level:</b>	IP67	<b>Cabinet Color:</b>	Black
<b>Working Temperature:</b>	-20 C ~ +50 C	<b>Storage Temperature:</b>	-40 C ~ +60 C
<b>Positioning System:</b>	Support Beidou positioning	<b>Material:</b>	Magnesium aluminium alloy
<b>OS:</b>	Android mobile operating system		
<b>Touch Screen:</b>	Capacitive touch screen, support multi-touch		
<b>Ports:</b>	Power connector: 1*DC input (aviation connector) , Serial port: 1*serial port (aviation connector), 8-12V output (aviation connector) Power Output, 1 * Gigabit Ethernet Port (Aviation Connector)		
<b>Display:</b>	8 inches LED display, 1920*1200 resolution		
<b>Dimension:</b>	220.0m x 140.0mm x 16.0mm (excluding protrusions such as plugs, feet, etc.)		
<b>Humidity:</b>	95% ±3%, +30 C ~+60 C, 48h, no condensation (power off)		
<b>Structural safety:</b>	without sharp edges and corners along the housing		
<b>Insulation safety:</b>	Insulation resistance between power input and housing > 100MΩ		
<b>Leakage current:</b>	Leakage current between chassis and ground > 3.5mA		
<b>Dielectric strength:</b>	Apply AC 1500V test voltage between the input of power adapter and the casing, and no breakdown, flying arc and flickering will occur during the test. No breakdown, flying arc and flickering during the test.		
<b>Electromagnetic Compatibility:</b>	MIL-STD-810H (high and low wide temperature, low pressure, humidity, vibration, shock, salt spray, temperature shock, rain, dust, fungus, solar radiation etc.)		

## RGD-TPC-AX1001T-0005



- Intel low-power 6th/7th/8th generation U-series processors
- Adopts capacitive touch screen and supports multi-touch
- SSD M.2 interface SATA, 256G
- Front and rear dual cameras, front 8MP, rear 5MP
- Windows7/10, Linux system (optional)



<b>Processor:</b>	Intel 6th/7th/8th generation U series processor
<b>Memory:</b>	DDR4 8/16/32GB
<b>Harddisk:</b>	SSD M.2 interface SATA, 256G, other capacities optional
<b>OS:</b>	Windows7/10, Linux system (optional)
<b>Battery:</b>	5000mAh
<b>Display:</b>	10.1" LCD display
<b>Camera:</b>	Front: 8 MP, Rear: 5 MP
<b>Color:</b>	Army green/Ice grey/Navy grey/Black
<b>Dimension:</b>	193.0mm x 274.0mm x 26.0mm
<b>Material:</b>	Aluminum alloy, magnesium aluminum alloy (optional)
<b>Weight:</b>	1.7KG
<b>Working Temperature:</b>	-20 C ~ +60 C, -40 C ~ +65 C optional
<b>Storage Temperature:</b>	-45 C ~ +75 C
<b>Humidity:</b>	5%~95%RH
<b>Waterproof Level:</b>	IP65 (front panel)
<b>Ports:</b>	2*USB3.0, 1*SIM, 1*HDMI (Type A), 1*RJ45 (10/100/1000 Mbps auto-negotiation) DC 15-28V (aviation connector), 1*3.5mm Audio Combo

## RGD-TPC-AX1205T-0001



- Intel low-power 6th/7th/8th generation U-series processors
- 12.5" LCD display, 1920x1080 resolution
- Built-in 8000mAh long-life battery
- Vibration and impact resistance, wide temperature operation



<b>Processor:</b>	Intel 6th/7th/8th generation U series processor
<b>Memory:</b>	DDR4 16GB, 32GB optional
<b>Harddisk:</b>	SSD M.2 interface 256G, other capacities optional
<b>OS:</b>	Windows7/10, Linux system (optional)
<b>Battery:</b>	8000mAh
<b>Display:</b>	12.5" LCD display, 1920x1080 resolution
<b>Indicator Light:</b>	Power indicator light*1, battery indicator light*1, hard disk status indicator light*1
<b>Color:</b>	Army green/Ice grey/Navy grey/Black
<b>Dimension:</b>	350.0mm x 230.0mm x 30.0mm
<b>Material:</b>	Aluminum alloy
<b>Weight:</b>	1.7KG
<b>Working Temperature:</b>	-20 C ~ +50 C, -40 C ~ +50 C optional
<b>Storage Temperature:</b>	-40 C ~ +60 C
<b>Humidity:</b>	5%~95%RH
<b>Waterproof Level:</b>	IP65 (front panel)
<b>Ports:</b>	USB3.0*2 standard port, 3.5mm Audio* 1, HDMI* 1 (Type A), SIM* 1, DC 19V (aviation connector), RJ45*1 (10/100/1000 Mbps Ethernet port)

## RGD-TPC-AX1303T-0001



- Intel low-power 6th/7th/8th generation U-series processors
- 13.3" HD LCD display, 1920x1080 resolution
- Shock resistance and impact resistance, wide temperature operation
- Graphics card MX M 1050M 4G
- Aviation connector



<b>Processor:</b>	Intel 6th/7th/8th generation U series processor
<b>Memory:</b>	DDR4 16GB
<b>Harddisk:</b>	256GB, other capacities optional
<b>Graphics card:</b>	MXM 1050M 4G
<b>OS:</b>	Windows7/10, Linux system (optional)
<b>Battery:</b>	8000mAh
<b>Display:</b>	13.3" HD LCD display, 1920x1080 resolution
<b>Color:</b>	Army green/Ice grey/Navy grey/Black
<b>Dimension:</b>	368.0mm x 250.0mm x 31.8mm
<b>Material:</b>	Aluminum alloy
<b>Weight:</b>	3.2KG
<b>Working Temperature:</b>	-20 C ~ +70 C
<b>Storage Temperature:</b>	-40 C ~ +85 C
<b>Humidity:</b>	5%~95%RH
<b>Waterproof Level:</b>	IP65 (front panel)
<b>Ports:</b>	2*USB3.0, 1*Audio, 1*RS232/485 (aviation connector), 1*HDMI, 1* RJ45 (10/100/1000 Mbps auto-negotiation) (aviation plug), 1*DC power interface (input 100~240V, output 19V, 6.32A)

## RGD-TPC-AX1400T-0001



- Low power consumption 6th/7th/8th generation U series processor
- 14-inch LCD display, 1920\*1080 resolution
- Built-in 8,000mAh battery with long battery life
- Aviation connector
- Windows Operating System



<b>Processor:</b>	I5/I7 (6th/7th/8th generation U-series processors optional)
<b>Memory:</b>	DDR4 8GB/16GB/32GB
<b>Harddisk:</b>	SSD 128G/256G/512G/1T (Optional)
<b>Display:</b>	14" LCD display
<b>Resolution:</b>	1920*1080
<b>Graphics:</b>	MXM1050M 4G
<b>OS:</b>	Windows OS
<b>Battery:</b>	8000mAh
<b>Endurance Time:</b>	Around 4 hours
<b>Dimension:</b>	380.0mm x 240.0mm x 30.0mm
<b>Cabinet Color:</b>	Army green (optional)
<b>Working Temperature:</b>	-20 C ~ +55 C
<b>Storage Temperature:</b>	-40 C ~ +65 C
<b>Weight:</b>	3.1KG
<b>Electromagnetic Compatibility:</b>	1, Meet MIL-STD-461G (EMC, EMI, EMS, ESD) 2, MIL-STD-810H (high and low wide temperature, low pressure, humidity, vibration, shock, salt spray, temperature shock, rain, dust, fungus, solar radiation etc.)

## RGD-TPC-AX1506T-0001



- Low power consumption 6th/7th/8th generation U series processor
- 15.6-inch LCD display, 1920\*1080 resolution
- Built-in 8,000mAh battery with long battery life
- Aviation connector
- Windows Operating System



## RGD-TPC-1357



- 10.1-inch Dual-Screen Handheld Tablet
- Intel i3/i5/i7 Processor optional, 2\*10.1 inch display; resolution: 1280\*800, Dual capacitive touchscreens, multi-touch function available
- Multiple operating system optional



<b>Processor:</b>	I5/I7 (6th/7th/8th generation U-series processors optional)
<b>Memory:</b>	DDR4 8GB/16GB/32GB
<b>Harddisk:</b>	SSD 128G/256G/512G/IT (Optional)
<b>Display:</b>	15.6" LCD display
<b>Resolution:</b>	1920*1080
<b>Graphics:</b>	MXM1050M 4G
<b>OS:</b>	Windows OS
<b>Battery:</b>	8000mAh
<b>Endurance Time:</b>	Around 4 hours
<b>Dimension:</b>	420.0mm x 270.0mm x 30.0mm
<b>Cabinet Color:</b>	Army green (optional)
<b>Working Temperature:</b>	-20 °C ~ +55 °C
<b>Storage Temperature:</b>	-40 °C ~ +65 °C
<b>Weight:</b>	3.5KG
<b>Humidity:</b>	5 ~ 95%RH
<b>Waterproof Level:</b>	IP65 (front panel)
<b>Electromagnetic Compatibility:</b>	1, Meet MIL-STD-461G (EMC, EMI, EMS, ESD) 2, MIL-STD-810H (high and low wide temperature, low pressure, humidity, vibration, shock, salt spray, temperature shock, rain, dust, fungus, solar radiation etc.)
<b>Ports:</b>	USB3.0*2, HDMI*1, RS232/485*1(aviation plug) Serial port, HDMI*1, 1* RJ45 Gigabit Ethernet port (10/100/1000 Mbps auto-negotiation) (aviation plug), 1*DC power supply interface (input 100-240V output 19V 6.32A), 1*audio

<b>Processor:</b>	Intel Core i7-4510U
<b>Memory:</b>	4GB/8GB/16GB (optional)
<b>Harddisk:</b>	SSD 128GB/256GB/512GB (optional)
<b>Display:</b>	2*10.1 inch display
<b>Resolution:</b>	1280*800
<b>Buttons:</b>	6 customized buttons
<b>OS:</b>	Windows 7, Linux (CentOS, Ubuntu)
<b>Battery:</b>	4500mAh
<b>Material:</b>	Magnesium aluminum alloy
<b>Dimension:</b>	270mm*180mm*23mm
<b>Cabinet Color:</b>	Silver (other colors available)
<b>Working Temperature:</b>	-20 °C ~ +60 °C
<b>Storage Temperature:</b>	-40 °C ~ +70 °C
<b>Weight:</b>	2.5KG
<b>Humidity:</b>	95% non-condensing
<b>Waterproof Level:</b>	IP65
<b>Ports:</b>	2* RJ45 Gigabit Ethernet ports; 1* USB 3.0 port; 1* USB 2.0 port; 1* 3.5mm HP headphone jack; 1* 3.5mm microphone; 1* HDMI port