

RUGGED TABLETS

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



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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



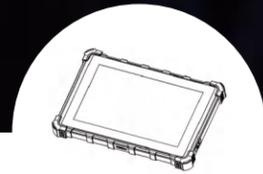
High tech Enterprise Certificate



02

APPLICATION AREA

THE RIGHT SOLUTION FOR EVERY INDUSTRY



Drone



Warehouse



Outdoors



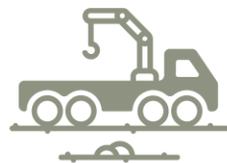
Industry



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



Processor:	Rock chip RK3588
Memory:	LP DDR4 8GB
Storage:	256GB EMMC (support TF card expansion)
OS:	Android, Linux system (optional)
Battery:	7000mAh
Display:	7" LED backlight display, 1080 x 1920 resolution, maximum brightness ≥650, visible under strong light
Camera:	Front: 5 MP (fixed focus, with light sensor), Rear: 8 MP (phase autofocus, with flash function)
Fingerprint:	Built-in capacitive fingerprint recognition module, supports more than 8 users
Color:	Army green/Ice grey/Navy grey/Black
Dimension:	140.0mm x 200.0mm x 21.0mm
Material:	Magnesium aluminum alloy
Weight:	0.7KG
Working Temperature:	-20 C ~ +55 C, -40 C ~ +65 C optional
Storage Temperature:	-40 C ~ +60 C
Humid heat:	95%±3%, alternating between +30 C ~+60 C, 48h, no condensation (power off)
Waterproof Level:	IP67
Ports:	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)



Processor:	Rexchip RK3588 Processor	Memory:	DDR4 8GB
Weight:	0.65KG	Harddisk:	SSD 128 GB
MTBF:	≥3000h	Audio:	Built-in speaker
MTTR:	≤ 30min	Battery:	Li-ion battery 6000mAh
Waterproof Level:	IP67	Cabinet Color:	Black
Working Temperature:	-20 C ~ +50 C	Storage Temperature:	-40 C ~ +60 C
Positioning System:	Support Beidou positioning	Material:	Magnesium aluminium alloy
OS:	Android mobile operating system		
Touch Screen:	Capacitive touch screen, support multi-touch		
Ports:	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)		
Display:	8 inches LED display, 1920*1200 resolution		
Dimension:	220.0m x 140.0mm x 16.0mm (excluding protrusions such as plugs, feet, etc.)		
Humidity:	95% ±3%, +30 C ~+60 C, 48h, no condensation (power off)		
Structural safety:	without sharp edges and corners along the housing		
Insulation safety:	Insulation resistance between power input and housing > 100MΩ		
Leakage current:	Leakage current between chassis and ground > 3.5mA		
Dielectric strength:	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.		
Electromagnetic Compatibility:	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)



Processor:	Intel 6th/7th/8th generation U series processor
Memory:	DDR4 8/16/32GB
Harddisk:	SSD M.2 interface SATA, 256G, other capacities optional
OS:	Windows7/10, Linux system (optional)
Battery:	5000mAh
Display:	10.1" LCD display
Camera:	Front: 8 MP, Rear: 5 MP
Color:	Army green/Ice grey/Navy grey/Black
Dimension:	193.0mm x 274.0mm x 26.0mm
Material:	Aluminum alloy, magnesium aluminum alloy (optional)
Weight:	1.7KG
Working Temperature:	-20 C ~ +60 C, -40 C ~ +65 C optional
Storage Temperature:	-45 C ~ +75 C
Humidity:	5%~95%RH
Waterproof Level:	IP65 (front panel)
Ports:	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



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



Processor:	Intel 6th/7th/8th generation U series processor
Memory:	DDR4 16GB
Harddisk:	256GB, other capacities optional
Graphics card:	MXM 1050M 4G
OS:	Windows7/10, Linux system (optional)
Battery:	8000mAh
Display:	13.3" HD LCD display, 1920x1080 resolution
Color:	Army green/Ice grey/Navy grey/Black
Dimension:	368.0mm x 250.0mm x 31.8mm
Material:	Aluminum alloy
Weight:	3.2KG
Working Temperature:	-20 C ~ +70 C
Storage Temperature:	-40 C ~ +85 C
Humidity:	5%~95%RH
Waterproof Level:	IP65 (front panel)
Ports:	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



Processor:	I5/I7 (6th/7th/8th generation U-series processors optional)
Memory:	DDR4 8GB/16GB/32GB
Harddisk:	SSD 128G/256G/512G/1T (Optional)
Display:	14" LCD display
Resolution:	1920*1080
Graphics:	MXM1050M 4G
OS:	Windows OS
Battery:	8000mAh
Endurance Time:	Around 4 hours
Dimension:	380.0mm x 240.0mm x 30.0mm
Cabinet Color:	Army green (optional)
Working Temperature:	-20 C ~ +55 C
Storage Temperature:	-40 C ~ +65 C
Weight:	3.1KG
Electromagnetic Compatibility:	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



Processor:	I5/I7 (6th/7th/8th generation U-series processors optional)
Memory:	DDR4 8GB/16GB/32GB
Harddisk:	SSD 128G/256G/512G/IT (Optional)
Display:	15.6" LCD display
Resolution:	1920*1080
Graphics:	MXM1050M 4G
OS:	Windows OS
Battery:	8000mAh
Endurance Time:	Around 4 hours
Dimension:	420.0mm x 270.0mm x 30.0mm
Cabinet Color:	Army green (optional)
Working Temperature:	-20 ℃ ~ +55 ℃
Storage Temperature:	-40 ℃ ~ +65 ℃
Weight:	3.5KG
Humidity:	5 ~ 95%RH
Waterproof Level:	IP65 (front panel)
Electromagnetic Compatibility:	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.)
Ports:	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