



# Pro-Cloud<sup>®</sup>

Automate everything

BUSINESS, HEALTHCARE AND EMERGENCY SERVICES

HARDWARE 20/21



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Automate everything

The hardware included in this brochure has been extensively tested within each of the market sectors that our software operates, ensuring we always deliver the best hardware options for each and every customer, whilst providing true value to them at all times.

Whilst there is obviously an abundance of hardware options available, we only provide hardware products that fit seamlessly with our software solutions. Our hardware product selection will always be:

- User friendly and capable of working efficiently within each dedicated market sector
- Robust, built to last irrespective of the environment they are used in
- Best value for maximum efficiencies throughout your business



Warehouse Management



Emergency Services



Healthcare Services



Community Equipment Loan Stores



Museums, Media & The Arts



Fleet Operations

## TC72/77 Touch Computers



The ultimate in ultra-rugged enterprise class all touch computing, inside the four walls and outdoors.

Take your customer service to the next level by delivering everything your workers need to achieve peak efficiency, with trouble free reliability - the TC72 and TC77 Android Touch Computers. A smartphone experience for maximum simplicity, construction designed to withstand years of the toughest everyday use and abuse, and a new platform offering more capabilities than any other device in its class.

Super simple data capture: barcodes, labels and documents.

The PowerPrecision+ high capacity battery delivers up to an impressive 15 hours of power.

Provide your users with faster and more reliable Wi-Fi connections with 2x2 Multiple-User Multiple Input Multiple Output technology.

Complete cellular network flexibility with single device simplicity.

Innovative accessory family, for added device capabilities, advance charging options and better device management.



## **Rugged and ready for all-day every day use out in the field**

Delivers reliable operation, even after multiple 8ft / 2.4m drops to concrete and 2,000 consecutive 3.2ft / 1m tumbles, exceeding IEC tumble specifications. With IP65 & IP67 sealing, the touch computers are dust tight and can survive complete immersion in water. Its Corning Gorilla Glass touch panel and scanner exit window bring a new level of durability to two of the most vulnerable components on any handheld device.

### **Display**

4.7 in High Definition (1280 x 720px); exceptionally bright, outdoor viewable; optically bonded to touch panel.

### **PowerPrecision**

Delivers up to 15 hours of power. Li-Ion 3.7V, 4620 mAh, improved battery technology for longer cycle times and real time visibility into battery metrics.

### **Performance**

Qualcomm Snapdragon 660 octa-core, 2.2GHz, TC72 - Android 9 Pie, TC77 - Android 8.1 Oreo, both with Zebra Restricted Mode for control over GMS. 4GB RAM/32GB Flash.

### **Data Capture**

SE4750 imager (1D and 2D), front camera - 5MP fixed focus & rear camera 13MP autofocus. Advanced NFC capabilities, suitable for ISO 14443 Type A & B, FeliCa and ISO 15693 cards.

## TC72/77 Accessory Range

### 2 Slot Cradle

The 2-slot ShareCradle is designed to provide the best desktop solution. Available in Charge-Only or USB/Ethernet variants.

### Cradle Power Supply

100-240 VAC, 12VDC, 4. 16A & DC cable for power supply.

### 5 Slot Charging Solution

Provides high density and flexibility. Available in charge only or Ethernet variants that can either accommodate 5x or 4x scanners.

### Power Precision Batteries

4620 mAh Li-Ion PowerPrecision Battery (single pack or 10 PK).

### Snap on trigger handle

Easily attaches to bottom housing and is easily removed to access the battery. The trigger handle includes a wrist tether that is attached to the trigger and the bottom housing of the device.



### Hand Straps

This adjustable hand strap provides comfort to support a wide range of hand sizes whilst resisting wear in rugged environments.



### Soft Holster

For vertical orientation with open bucket design to accommodate hand strap and snap ons.



### Stylus with tether 3 pack

Made of conductive carbon filled plastic material, this rigid plastic stylus is optimised for enterprise durability.



### Screen Protector

This optional screen protector safeguards the display, eliminates sunlight glare and maintains clarity of your mobile computer.

## TC57 Series Touch Computer



Get the ultimate user experience, the simplicity of Android with all the business features workers need to maximise productivity and minimise process cycle time. You get the ultimate technology advancements on a cutting edge platform, maximising the benefits of mobility today, with the future proofing you need to serve your business tomorrow. It is capable of a wider connectivity reach with WWAN - best suited for mobile workforce environments.

Flexible multi touch operation that works even when wet.

Bluetooth 5.0 for twice the speed and four times the range.

Dependably superior WiFi delivered.

Active Edge touch zone for one-touch feature access.

Easily capture it all - barcodes, labels and documents.

Ultra-high resolution photos and videos.

PowerPrecision+ high capacity battery, delivery an impressive 14 hours of power.

Easily manage access to Google Mobile Services (GMS) with restricted mode.



## Rugged Design

Multiple 4ft./1.2m to tile over concrete over -10°C to 50°C (14°F to 122°F), multiple 6ft. drops to concrete with the rugged boot accessory per MIL STD 810 G and 500 1.6ft./0.5m tumbles, meets or exceeds IEC tumble specification. Operating temperature -4°F to 122°F/20°C to 50°C (RH 5% to 95% Non-condensing)

## Display

5.0 in. High Definition (1280 x 720); exceptionally bright, outdoor viewable; optically bonded to touch panel.

## PowerPrecision

Rechargeable Li-Ion, power precision + Standard Capacity, 4300 mAh, improved battery metrics for better battery management; fast charging (up to 2.5A).

## Performance

Android 8.0Oreo upgradeable through Android R, memory standard: 4GB RAM/32GB Flash

## Data Capture

SE4710 imager (1D and 2D) with extraordinary range: scan range - code 39 barcode. Rear - 13MP autofocus; f/2.24 aperture; flash LED generates balanced white light; supports torch mode. NFC compatible. NFC - ISO 14443 Type A & B

## TC57 Accessory Range

### Single Slot Cradle

Charges and allows USB communication to one device



### Single Slot Cradle with 2nd spare battery

This cradle is able to charge one TC5X and one TC5X spare battery, simultaneously. Equipped with both USB 2.0 and Ethernet connectors.



### 5-Slot Cradle

For quicker charging capabilities this charge only ShareCradle Kit charges up to five devices.



### **Rugged Boot and Handstrap**

Provide extra protection to the device and allow the option of attaching a trigger handle.

### **Trigger Handle**

For ease of use a snap on trigger handle and rugged boot kit can be attached to a device. Trigger handles include a tether point for a wrist tether.

### **Rugged Charge Cable**

This charging cable can be used as an alternative to the cradles and can be used with or without a rugged boot.



## TC21/26 Mobile Computer Series



The ultimate cost-effective touch computer built for small and big business. The TC21 and TC26 business features help your workers capture and access the data they need, they are built with quality and capabilities to support operations for multiple applications and industries to act faster and more efficiently. The right rugged design delivers reliable operation, day in and day out. With multiple configurations at different price points, you only pay for the features your workers need, including connectivity. The powerful complimentary mobility DNA tools, a set of tools that transform android are pre-loaded and ready to use, capture and send data to your applications and more.

Offering more options than any device in its class, configure to your scanning requirements

Lightweight device and large 5-inch HD advanced touchscreen

Capture and send data to your apps, always keep your devices secure

Faster-than-ever barcode capture

Improve workforce productivity and task accuracy

Mobility DNA enterprise options, delivering premium voice capabilities over WiFi and unlocks a powerful data toolkit



## Rugged Design

Waterproof, dustproof, drops to concrete, snow, rain, heat, freezing cold.

## Display

5.0in. colour HD (1280x720); LED backlight; Corning Gorilla Glass.

## PowerPrecision

Removable, rechargeable Li-Ion: standard capacity, 3100mAh, charge in under 4 hours (10hrs= 1 Shift)

## Performance

First device in its class to offer Android 10. 4GB RAM/64GB flash memory; 3GB RAM/32GB flash memory; 2GB RAM/16GB flash memory.

## Data Capture

For scan-intensive 1D/2D applications, choose the SE4710 for faster-than-ever barcode capture. Rear camera 13MP, with optional front camera 5MP. ISO 15693 and NFX Forum supported cards.

The TC21/26 are both RFID compatible. For a tailored RFID hardware package please get in touch with a member of the CSS team.

## TC21/26 Accessory Range

### Single Slot Charging Cradle/Communication Cradle

Is a USB/charging cradle and will charge one Powerpack only. Communication cradle requires MOD-MTZ-EU1-01 (sold separately) to utilise Ethernet.

### 5-Slot Cradle/Communication Cradle

For quicker charging capabilities this charge only ShareCradle Kit charges up to five devices.

### Screen Protector

Protects display on TC21 & TC26





### Trigger Handle

Transforms device into all touch handle style terminal for use in interim high volume scanning operations.

### Hand Strap

Leather and Hypalon pad for maximum comfort and wear resistance with adjustable Velcro design.



## Zebra ZT411 Printer Series



Easy, side-loading metal print mechanism with an enlarged clear viewing window and bi-fold media door, the bluetooth printer delivers advancements in print speed, registration and connectivity as well as additional advanced features.

With a print width of 4 inches, the ZT411 has print speeds up to 14" (356mm/second) and offers high-resolution (up to 600dpi) printing for small-label applications.

Thermal transer and direct thermal printing.

Easy to use keypad for quick operation.

Adaptive Encoding Technology simplifies RFID setup, available for 203 and 300dpi.

Rugged, durable design suitable for industry use.

USB 2.0, high speed

Bluetooth 4.1 (including Apple)

Large range of genuine Zebra supplies to provide media solutions for virtually any application

*Please note that labels will need to be ordered separately.*

## ET55 Enterprise Tablet



The ET55 is engineered from the inside out to handle all day everyday business use. So whether your workers drop it, spill a drink on it, use it in the rain, snow or a very dusty area, they'll enjoy a continuous, reliable operation. IP65 sealing provides a dust tight design that can handle a hose-down at full force, built to handle a drop from 3.2 ft/1m, which can be doubled when a rugged frame is used.

Corning Gorilla Glass 3 with Native Damage Resistance

IP65 Sealing providing a dust tight design.

Doubled drop specification with a rugged frame.

### Rugged Design

Operating temperature 32°F to 122°F. Standard 3.28ft / 1m drop to concrete without rugged frame and 5.9ft with optional frame

### Power Precision

Ample power for a full shift; continuous operation is enabled with the secondary optional battery.

### Performance

Intel quad core 1.59GHz, windows 10 operating system and 4GB LPDDR3 RAM; 64GB eMMC Flash memory.

### Data Capture

Scanning capabilities through an expansion back accessory, rear and front camera and video availability.

### Display

8.3 inch: 21cm  
10.1 inch: 25.6cm

## ZQ320 Mobile Receipt Printer Series



The ZQ320 is an affordable little mobile printer that delivers big business value. This compact and lightweight printer is designed for easy one-handed operation, bringing all day comfort to mobile printing. When it comes to durability, the ZQ320 offers the most rugged specifications in its class.

Superior industrial design - durable and contemporary.

Faster, easier and highly reliable wireless connections.

Maximum battery power and minimal battery management time and cost.

Flexible charging options.





## Rugged Design

Drop spec: 1.5m/5ft. tested over operating temp. range, tumble: 500 free falls from 1m/ 3.3ft. Operating temperature: -15° to +50°C/5° to +122°F.

## Connectivity

Apple iOS, Android, Windows Mobile

## Printer Specification

203 dpi/8 dots mm resolution, 128MB Ram, 256MB Flash (48MB user available). Maximum printer width: ZQ310 printer: 48mm/1.89 in. ZQ320 printer: 72mm/2.83 in.

## Power Precision

Li-Ion 2280 mAh, 7.2V, PowerPrecision+

*Please note that receipt rolls will need to be ordered separately.*

## ZD620 Label Printer



If you are looking for a portable printer that can be used in any location then the ZD620 is for you. The premium desktop printer brings advanced industrial printing quality to a compact desktop printer, offering the fastest speeds and best quality in its class.

Optional battery for cordless operation

Easy printer management - all from a single location

New at-a-glance five LED status icons for simplified printer issue resolution

Easy printer set up and configuration

Best in class print speeds

Comprehensive connectivity options



### **Compatibility**

If you are currently using another zebra printer, the same label formats can be used with the ZD620. The printer supports both EPL & ZPL languages.

### **Connectivity**

USB 2.0, USB Host, Bluetooth Low Energy, Serial, 10/100 Ethernet

### **Printer Specification**

Available in 203dpi resolution (8 dots/mm) or 300dpi resolution (12 dots/mm).

### **Printer Status**

With a three-button user interface with five LED status icons you can instantly see what's needed to keep the printer up and running.

*Please note that labels will need to be ordered separately.*

## AT240 Telematics Device



To maximise the vehicle data transmitted across a fleet we have made sure only the most advanced telematics device is used for all contracts that sign up to Pro-Cloud Fleet.

The device we recommend is an AT240. It is a highly featured vehicle tracking device, housed in a sturdy plastic enclosure with internal GNSS/GSM/UMTS antennas, and sealed to IP67 specifications. The AT240 incorporates the very latest technology, its main features are:

- Cortex M3 ARM Processor
- Ublox EVA-M8M GNSS, 72 channel, -164dBm sensitivity
- Supporting GPS, GALILEO, GLONASS and BeiDou navigation systems
- Ublox SARA-U2 penta-band 3G UMTS/HSPA global communications module
- Low power consumption (near zero current drain when vehicle ignition is off)
- 3 axis accelerometer



- CANBus interface with FMS and OBD support
- 6 digital inputs
- 5 digital outputs
- iButton/1-wire
- 2 ADC inputs
- 2 RS232 Ports
- Internal back up battery, lithium-polymer, 450mAh
- Reporting protocols support TCP or UDP
- Approved to: CE, 2004/104/EC

Alongside the standard accessories a DD001 Driver Behaviour Indicator can be connected, powered and controlled from the AT240 device, providing real-time feedback on driver behaviour based on speed, acceleration, braking and cornering.




## Mobile Device Management (MDM) & Advanced Remote Management (ARM)

MDM optimises the functionality and security of smartphones, tablets and scanners while protecting the corporate network. Providing a way to confidently, enable and secure applications on any device enhancing device control, security and enforcing policies. The application enables separate work, personal apps and data, delivering standardised security and management capabilities while maintaining an intuitive experience for users.

ARM enables CSS to diagnose and repair issues remotely whilst also providing us with the ability to offer remote sessions, enabling on-screen guidance through the app.

You will automatically receive Pro-Cloud app updates, saving your personnel valuable time, enabling them to get on with their day jobs with ease.





Pro-Cloud's device management ensures:

- Enablement of productivity apps
- A consistent and native user experience
- Easy delivery and access to work apps in a unified app catalogue
- Protection of data
- Optimised employee productivity
- Streamlined organisational workflow
- Increased visibility of mobile usage

### Hardware Warranty

Extended warranty is offered with all hardware purchases, fully supporting your devices, with next day replacements if your device cannot be repaired by our team of Zebra technology experts.

## Asset Tagging Options

Our comprehensive variety of customers allows us to offer different asset tagging options, ensuring the most suitable tags are always selected.

\*All tags are compatible with Pro-Cloud and any mobile device, meaning all asset information is scanned with ease at any time.

### GS1 UK and EAN - 128 Barcoding

GS1 UK are unique numbers to identify assets and are used throughout a variety of markets including healthcare. GS1 codes are applied to all assets and are used in conjunction with EAN 128 standard barcoding. EAN 128 barcoding represents the GS1 allocated asset number and are applied to all standard assets.



### QR

QR codes can be used for an asset and its storage location. They are extremely responsive and we always recommend that they are used as a labelling option, alongside the traditional barcoding method. Unlike traditional barcoding options QR codes can be scanned by all handheld devices.

## NFC

NFC tags are one of the most durable tags on the market, ideal for healthcare organisations that are unable to have tags attached to specialist equipment and also organisations such as a fire service whose assets are put through traumatic experiences every day.

Barcode information can be embedded into an NFC tag and attached to a chosen asset. A handheld device is required for this to occur, and once the NFC pairing option is selected on the device the asset information is inserted into the NFC tag by holding the device only a few centimetres away. There are different types of NFC tags available and we will recommend what we think is best depending on your business operations.



## RFID

RFID is an intelligent asset tagging option that will talk to Pro-Cloud and detect every asset in one go. The advanced technology is ideal for larger organisations and will save significant time compared to traditional barcoding methods.  
\*Specific handheld devices are needed for this to take place, which can be provided by Pro-Cloud if required.



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