# Rugged Mobile Computing

Rugged
Tablet PCs

Rugged IoT
Handheld Devices

# Intelligent Retail

## Efficient Customer Service

The Internet of Things is revolutionizing how retailers engage with their customers and run their operations. Retailers that take the lead in IoT gain an important advantage in an already competitive environment. The IoT movement offers retailers new opportunities for growth in critical areas by improving customer experience, optimizing supply chain management and identifying new channels and revenue streams.

### Better Mobility

- Compact, lightweight & easily portable
- Unique ambidextrous design for operation comfort

### Expansion Flexibility

- Rich I/O expansion support
- Full accessories to expand the functionality as needed
- Vehicle docking and desktop cradle for power charging

### IoT-ready Application

- Various vehicle identification devices (barcode scanners, RFID readers, NFC solutions)
- Microsoft Azure, IoT Cloud Solutions

### Retail Pharmacy Chain Stores

- Location: Korea & Taiwan
- Product & Service: G0830

### Supermarket Price Checker

- Location: Poland
- Product & Service: PC1017

### Store Inventory Management

- Location: Europe
- Product & Service: G0975M / GT-500

## Internet of Retail Solutions

| Point-of Sale Terminal w/ Card Reader & Scanner | Mobile Rugged Tablet | Price Checker | Handheld Device |
|---|---|---|---|

# Intelligent Logistics

## Boosts Distribution Efficiency

Logistics management plays an essential role in an enterprise's productivity. To accelerate the find-and-move operations in today's warehousing and logistics applications, ARBOR offers a comprehensive range of mobile rugged devices featuring versatile data collection methods, real-time communication and vehicle-related features to support the entire logistics management process from the warehouse or while in transportation.

### Rugged Design

- IP67/65-certified design
- MIL-STD-810G/F durability
- Reinforced chassis
- Sealed ports and doors

### Realtime Communication

- Integrated Wi-Fi and Bluetooth
- 3G and 4G LTE bands
- Worldwide modem capability

### Vehicle Ready

- GNSS/GPS for vehicle tracking
- On-the-move charging
- Time-saving dismountability

### Improved Brewer's Logistics & Distribution

- Location: UK
- Product & Service: GT-500

With a built-in barcode scanner, touchscreen and Android OS, the GT-500 has all the features the brewer needs to improve the distribution process. The GT-500 enables the brewery staff to accomplish their cask scanning and data collection with the maximum efficiency.

### Empower Forklift Operation Efficiency

- Location: Italy
- Product & Service: G1052R

With the G1052R onboard, forklift operators can get picking and shipping instructions in real time. The G1052R ensures timely delivery between workstations as well as instant inventory updates.

### Optimize Fleet Management

- Location: Belgium
- Product & Service: GT-78V and Node-Watch

ARBOR provides speedy customized design to address customer's in-vehicle charging needs. In conjunction with the Node-Watch platform, the solution ensures tracking of all trucks in the fleet at all times.

# Node-Watch Unified Cloud Service

Node-Watch is a unified management solution for connected devices. It adopts the most popular standard management protocols. Through the user-friendly online dashboard, you can find and track devices in real time. It also gives you a centralized view of all the managed devices.

## Provisioning & Configuration

- Set privacy
- Security policies
- Enforce compliance
- OTA firmware upgrade

## Group Management

- Hierarchical grouping of devices
- Execute task as a single device
- Task schedule redoing
- Tracking progress of group task
- Group task statistics

## Application Management

- Applications deployment
- View installed applications
- Remotely activate / deactivate applications
- Software policy setting
- Remotely uninstall unwanted applications

## Security

- Remote lock & dynamic password
- Remote data wipe
- Tracking location on map
- Secured mail and web storage

## Flexible Architecture

- Multi-tenant
- Rest API
- Extremely scalable
- Fault Tolerance
- Power BI embedded integration

## Device Monitoring

- Device capabilities
- Battery status
- Memory usage
- Peripheral on/off
- Event setting
- Send notification while monitored events occurred

# ARBOR's One-Stop Solution for Retail and Logistics Management

## Total Solution Enables a Taiwanese Express Company to Painlessly Upgrade Its Delivery Management System



A Taiwanese express company, with hundreds of delivery drivers using handheld devices as a management tool for pick-up and delivery was finding a total solution to migrate their handheld devices from legacy Windows CE to Android OS because Microsoft had announced that it would stop supporting Windows CE within a few years.

With ARBOR's smart handheld device PD450, a customized delivery management system and the unified management platform Node-Watch, ARBOR's total solution meets all the requirements of this express company. The lightweight PD450 meets the project's hardware requirements with its easy-to-use touchscreen, various power supply options and the latest mobile communication technologies. Most of all, the deployment of the Node-Watch unified management platform enables the headquarters to easily remotely monitor and control all of the handheld devices in the field, leading to greater organizational efficiency.

**Client:** A Taiwanese express company

**Requirement:** A total solution to migrate its mobility delivery system

**Product & Service:** PD450 & Node-Watch management platform

## Solution with Node-Watch Cloud Management Platform Enhances Retail Store Operations and Management Efficiency

A time-honored Taiwanese food retailer has continuously expanded its business locations throughout Taiwan. In order to centrally manage dozens of stores scattered around different cities, the company needed to build a system that provided both front-end applications and back-end management through the replacement of old devices with new ones.



ARBOR's one-stop total solution including the GT-500, a customized retail store management system and the Node-Watch unified management platform, met all the requirements of the food retailer. The GT-500 features a barcode scanner and a tailor-designed App which provides a variety of quick search functions, thus allowing checking and updating product information easier than ever. In terms of the back-end management, the Node-Watch platform allows customers to remotely diagnose and troubleshoot the hardware installations across the branch stores.

On the whole, implementing this solution solves many problems at once while maximizing system benefits across a large networked business.

**Client:** A Taiwanese food retailer

**Requirement:** A central management system that provides both front and back end management

**Product & Service:** GT-500, customized store management App & Node-Watch back-end management platform

# Extreme Field Performance

## Rugged Handheld Devices

### GT-500
Standard Model

### GT-500-V
For North America Verizon Network

### GT-500-UHF (BTO)
With UHF RFID Reader

## GT-500
## Intelligent Handheld Device

- Quad-core ARM Cortex-A53 1.3GHz CPU
- Supports Android 7.0 operating system
- 5" TFT display with 5-point projected capacitive multi-touch
- Wi-Fi, Bluetooth 2G/3G/LTE and GPS supported
- Built-in 1D/2D barcode scanner and RFID/NFC reader
- Operating temperature: -15~55°C
- IP-67 certified, 1.5m (5ft.) drop resistance
- Gun handle pistol grip with integrated rechargeable 4800mAh battery (GT-500-UHF)
- UHF RFID reading range of up to 5 meters  (GT-500-UHF)

## Accessories

### Pistol Grip
- Ergonomic & comfortable grip
- Barcode trigger button
- Anti-slip rubber fringe adds friction

### Vehicle Docking
- 3A/5V DC input
- Cigarette lighter power adapter
- Optional battery adapter provided

### Desktop Cradle
- Micro-USB charging connector
- 2A/5V DC input
- Also fits GT-500 w/ pistol grip securely

### Battery Charger
- 4-in-1 battery charger
- LEDs display charging status
- 75 cm drop resistance
- Overheat detection

### Hand Strap
- Quick release design

## PD450
## Intelligent Handheld Device

- 4G LTE WorldMode
- 4.5" TFT LCD with human factors engineering
- Ready-to-go modules and accessories with compatibility
- Powered by MediaTek with technical support

## PD470
## Mobile Computing Device

- Adopting octa-core processor MTK 6762 & Android v8.1 OS
- Embedded 1D/2D barcode reader and physical trigger button
- Ruggedized design with IP67 rating
- World mode communications with 2G/3G/4G
- Implementing fingerprint authentication for security protection
- Precise GPS navigation with barometer integrated
- Lightweight design for everyday use, 243g

## K500
## Mobile Computing Device with Keyboard

- Adopting Qualcomm Snapdragon / 8*Cortex-A53 & Android 8.1 OS
- 1D/2D barcode scanning up to 15 meters (Optional)
- DPM barcode reading support (Optional)
- Ruggedized design with IP65 rating and 1.5m drop resistance
- World mode communications with 2G/3G/4G
- Implementing fingerprint authentication for security protection
- Long working time with 8 hrs talking hours

# Engage Business Anytime, Anywhere

## Gladius GT-78V
## 7.85" Vehicle Mount Tablet

## Durability

- MIL-STD-810G & IP-65 certified
- Raised bezel for LCD impact protection
- I/O ports with hinged rubber covers
- Corning® Gorilla® Glass 3 compliant touch screen which is resistant to scratches, drops and pressure

## Reliable Connectivity

- 2G GSM/GPRS/EDGE, 3G WCDMA and LTE
- Dual SIM cards for dual network access providing optimal coverage
- Integrated Wi-Fi 802.11 a/b/g/n & Bluetooth 4.1

## User-Friendly Design

- Multi-touch projected capacitive touch screen
- Customer replaceable battery with optimized battery life
- Suite of sensors including gyroscope, light sensor, M-Sensor/ E-Compass and G-sensor

## Versatile Data Collection

- 2D barcode scanner with physical trigger button
- Rear 13MP AF camera and front 5MP camera
- NFC/RFID reader

## Vehicle Application Ready

- Vehicle mount dock supporting cigarette power plug
- Active GPS module for route navigation

# Fire Department in China Implements ARBOR GT-78V

Staff at the Beijing Fire Department needed to improve their inspection workflow by going paperless. ARBOR partnered with a system integrator to deliver a complete solution using GT-78V as the "paper and pen" replacement. The GT-78V's generous screen size made the transition from a clipboard to a tablet painless. The integrated camera allowed for instant, detailed documentations of violations. With industry-leading IP65 certification and MIL-STD-810G compliance, the GT-78V's rugged features allowed firefighters to operate without fear of interruptions caused by hardware failures.

As records could be better managed electronically and because the quality of records is improved as a direct result, the GT-78V solution dramatically increased productivity of the fire department.

# Enhance Logistics Efficiency for a LTL Freight Expert in the US

To work without paperwork to streamline work process, a LTL freight company in the US was seeking a solution to enhance their Proof of Delivery efficiency. Upon their request, ARBOR provides the GT-78V, the IoT tablet utilized for both as an in-vehicle HMI and as a portable rugged tablet to fit in one hand to meet drivers' needs on the go.

The GT-78V Proof of Delivery solution eliminates paper-based processes and human errors so that consignment can be accurate and guaranteed. Each party including customers, drivers, and administrators, can get accurate data and synchronized information alone along with improved efficiency.

## Accessories

### Desktop Cradle

- Allows to use and charge the GT-78V at the same time
- LEDs indicating charging status

### Vehicle Docking

- 3A/5V DC input
- Cigarette lighter power adapter
- Optional battery adapter provided

### Battery Charger

- 4-in-1 battery charger
- LEDs to display the status
- LEDs indicating charging status
- Overheat detection

### 3-in-1 Holster

# Streamlining Warehousing & Logistics Operations

## Gladius G0830 | 8" Tablet PC

## Features

- 8" TFT color LCD 1024 x 768 XGA resolution
- IPS LED display with projected capacitive multi-touch panel
- High mobility with connectivities including WLAN and Bluetooth
- Identification devices (barcode scanner, RFID & NFC reader and MSR)
- Ideal for warehousing / retail / mPOS applications
- Ergonomic-centered mechanical design
- Compact and sleek design
- Supports Windows 10 & Android v5.x operating systems

**BC** Best Choice AWARD

**TAIWAN EXCELLENCE 2017**

**mobility for business** Best Terminal Award

## Accessories

### Docking Cradle
- 3 x USB 2.0 ports
- 1 x GbE LAN
- 1 x HDMI
- MSR, smart card reader & NFC reader

### Pistol Grip w/ Battery
- 8000mAh power bank
- Power status LED

### K-Lock

### Rope Stylus Pen

### Vehicle Cradle
- 2 x USB 2.0 ports
- Micro USB 5V DC In
- 12V DC Jack
- VESA 75 x 75 mm
- Shock & vibration tested

### Pistol Grip

### Hand Strap

# Purpose-built Ergonomics

## Sleek Look and Feel

The G0830 offers an aesthetically appealing design without compromising on functionality. Both the tablet and the docking cradle feature a sleek look and feel. Thus, making it a perfect fit for retail, hospitality and entertainment venues.

## Lightweight

Optional Hand Strap

The ultra compact G0830 tablet PC weighs just 520 grams (1.15 lb) with the battery. It offers enterprise computing without compromising the sleek consumer style and feel. An optional hand strap is available to make it easier to carry and use on-the-go.

## Ambidextrous Design

Barcode Triggers

Barcode triggers on the G0830 are engineered to fit both right and left-handed users to offer a comfortable grip with less fatigue for long-hour operations.

## Detachable Pistol Grip

The G0830 comes with an optional pistol-grip style barcode scanner for one-handed use. Its exceptional ergonomic design allows for a superior grip.

Moreover, it features a power bank (optional) for long hour operation. Power LED is also available to show power status.

## Compact w/ Adjustable View Angle

The G0830's docking cradle comes with an ultra-compact design to save counter space and significantly reduce your POS device's footprint.
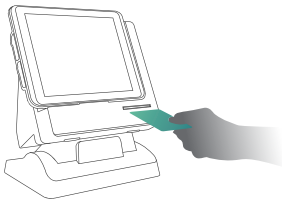
For optimized display, you can tilt the tablet screen for your desired view angle.

# Ultimate Flexibility, Versatile Functionality

## Multitude of Card Reading Capabilities

The G0830 tablet along with the cradle features a multitude of card reading capabilities including magnetic stripe card, smart card and NFC. Thus it can be used for member identification and maintenance in applications like self check-in, bonus redemption or personal information query.
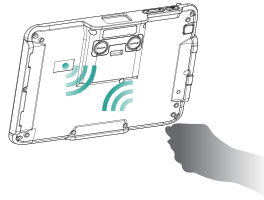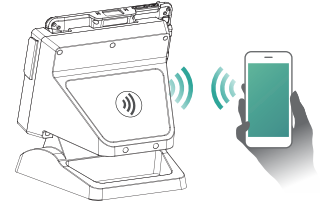
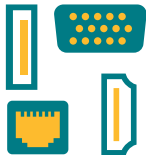| Smart Card Reader | MSR | RFID/NFC | NFC |
|---|---|---|---|
| • ISO 7816<br>• Support EMV | • ISO 7811 1-6 | • ISO 15693, 14443A/B<br>• Felica, Mifare, Tag it<br>• NFCIP-1/2<br>• ST LRI 1K/M24LRXX | • ISO15693, 14443<br>• Felica, Mifare<br>• NFCIP-1, NFCIP-2 |

## High Expansion Capability

Featuring rich I/O for peripheral connections, the cradle enables the G0830 to fulfill the needs of a wide range of applications.

ARBOR also offers a modular design to deliver customer-centric solutions and to maximize flexibility and expandability.

## Dual OS Support

The G0830 fits both the conventional Windows-dominated POS market as well as the emerging Android market via Operating System and accessory support for both Windows 10 & Android v5.X.

## Mobile Device Management Solution

Node-Watch is a unified management solution for connected devices, providing administrators a centralized view of all the managed devices. Through the user-friendly online dashboard, administrators can find and track the G0830 devices in real time.

## In-Vehicle Ready

Utilizing the compact vehicle docking that support in-vehicle power, the G0830 can be quickly deployed into a vehicle for logistics and distribution applications.

# ARBOR's Tablet POS Selected to Improve Operations and Service for Retail Pharmacy Chain Stores

The G0830 all-in-one POS PC has been chosen by one of the largest retail pharmacy chains in Asia to implement their inventory management, interactive kiosk and intelligent POS systems. The customer selected the G0830 for its versatility, durability, cost-efficiency and overall suitability for profitable operations and utmost superior customer service in complex retail environments.

A retail pharmacy is a complex retail business that not only provides prescription drugs, but also carries thousands of other products that include over-the-counter drugs, cosmetics, magazines, toys, groceries, electronics and more. As a POS system, the ARBOR G0830 allows quick product lookups and item updates at the touch of a button, allowing efficient real-time inventory management.

During peak shopping hours, the ARBOR mobile POS tablet helps processing checkout queues, thus reducing potential walkouts by impatient customers. The flexible system accepts NFC-based mobile payments, QR code coupons, and allows integration of peripherals such as MSR, RFID and Smart Card Readers for credit, debit, and membership cards. This adds convenience, guarantees quick and secure transaction processing, and boosts customer satisfaction.

In short, the ARBOR G0830 POS system provides maximum flexibility, minimal downtime, lower installation costs, optimal inventory management, and superior customer satisfaction.

## Retail/Hospitality

- Mobile Point-of-sale (mPOS)
- Inventory tracking
- Tableside ordering
- Self-service kiosk
- Customer membership management

## Logistics

- Logistics and distribution
- Fleet management
- Fleet safety and driver monitoring

## Warehousing

- Stock management
- Inventory process management
- Assets tracking

# Ramp Up Your Mobile Workforce

## Gladius G0975/G0975M/G1075 Rugged Tablet PC

### G0975
**9.7" Intel® Celeron® Processor Tablet PC w/ Function Keys**

### G0975M
**9.7" Intel® Celeron® Processor Tablet PC w/ Programmable Keypad**

### G1075
**10.1" Intel® Celeron® Processor Tablet PC**

## Features

- XGA IPS LED display with projected capacitive touch
- High computing performance from Intel® Quad Core Celeron®
- Fully rugged for mobile POS or warehousing application
- Meeting MIL-STD-810G, IP65, 4 ft. drop resistance
- High mobility, multiple connectivity (Bluetooth/WLAN)
- Adopting multi-touch Screen with Corning® Gorilla® Glass
- Supporting external battery with battery cover and internal battery

## G0975M

The G0975M delivers lightweight mobility with a weight of less than 1 kg. In addition, it features a membrane keypad to enhance speedy input.

## Build Your Own System

With ARBOR's CTOS (configure to order service), you can build your own system according to your specific needs required for different vertical markets.

For example, our mPOS module is tailored for retail application. It is designed to streamline your retail operations with everything from mobile POS tools to real-time sale/stock management.

### mPOS Cradle

- 4 x USB 2.0, 2 x RS-232, 1 x Giga LAN, 1 x VGA and DC-IN
- Locking mechanism for theft deterrence
- VESA-75 & RAM-BALL mounting

## A Taiwanese Retailer Selects G0975 to Improve Its Warehouse Management

A Taiwanese retailer was seeking a solution to improve their warehouse operations with a forklift-mounted rugged tablet. Reliability and wireless connectivity throughout their large warehouse were the main criteria. ARBOR's G0975 was selected due to its ruggedness, reliability, and rich I/O ports for external equipment integration.

After implementing the G0975 on their forklifts, the forklift operators' productivity was greatly improved. Thanks to the uninterrupted wireless connectivity and the large 9.7" touch display, the operators can immediate access to stock information and item location. Timely movement of inventory is now possible. The operators can quickly receive a notification, search and move the goods and then report the finished task to the warehousing system. The result is faster processing speed, less data loss and overall greater efficiency.

## G0975M Optimizes Inventory Management for a Multinational Retailer

A multinational food and shopping company in Asia outfitted its chain stores in Korea with ARBOR's G0975M to manage their merchandise inventory. Packed with features like a barcode scanner, wireless connectivity and a 9.7" multi-touch screen as the communication interface, the G0975M is a powerful GOT (graphic operation terminal) that enables the store associates to have the entire inventory at their fingertips. With inventory taking, ordering and forecasting efficiency greatly increased, the G0975M has been proven to deliver a quick return on investment.



## Accessories

### Desktop Cradle



- 4 x USB 2.0, 2 x RS-232, 1 x Giga LAN, 1 x VGA and DC-IN
- Allows to charge and use the device simultaneously
- Vibration and shock resistance

### Vehicle Cradle



- 3 x USB 2.0, 1 x LAN, 1 x cigarette lighter socket, and DC-IN
- Locking mechanism for theft deterrence
- VESA-75 & RAM-BALL mounting
- Vibration and shock resistance

### Hand Strap

# Streamline Your Mobile Operations

## Gladius G1052C/R
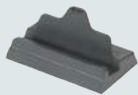## 10.4" Rugged Tablet PC

## Features

- 10.4" AFFS+ TFT Active Matrix with capacitive touch panel
- Ultra low power consumption
- Fully rugged for mobile POS or warehousing application
- Meeting MIL-STD-810G, IP54, 4 ft. drop resistance
- High mobility, multiple connectivity (Bluetooth/WLAN/WWAN)
- Identification devices (barcode scanner, RFID & NFC reader and MSR)
- Hot-swappable external battery w/ redundant internal battery
- 23-key keypad with numeric keys and function Keys
- I.P.A. (Isopropyl) alcohol clearing allowed

## Build Your Own System

Customize your G1052 via ARBOR's CTOS (Configure to Order Service) to meet your special needs. The CTOS includes 1D/2D Barcode scanner / 3.75G HSUPA wireless kit / GPS and RS-232 2-in-1 kit / Smart Card Reader and RS-232 2-in-1 kit / 13.56MHz RFID & NFC kit / 5.0M rear CMOS camera kit and 4G LTE Wireless Kit

## Accessories

### Desktop Cradle

- 3 x USB 2.0, 1 x LAN and DC-IN
- Vibration and shock resistance
- Charge and use your device simultaneously

### Battery Charger

- Charge two batteries simultaneously
- Vibration and shock resistance
- 19V/3.4A charger power input

### Capacitive Touch Pen

### Hand Strap

### Neck Strap

### Mount Bracket

# Enhancing Customer Experience

## PC1017 | Price Checker

## Features

- Quad-Core ARM Cortex-A35 CPU 1.5G Hz, Android-based
- 10.1" LCD display
- 10-point projected capacitive multi-touch
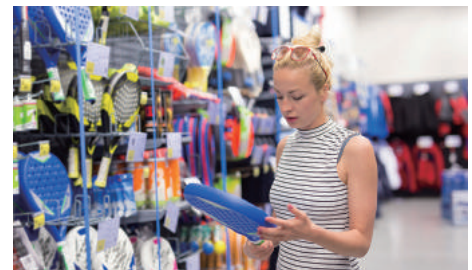- H.265/HEVC video decode
- PoE connectivity (PD)

## Better Engage Customers with the Multi-Functional PC1017

ARBOR's PC1017 was implemented in the stores of a Poland supermarket chain as the product & price information checking terminal. The compact PC1017 combines price checking and signage functions in one unit. It conveniently offers customers not only the price but also the full product information. By displaying promotion videos in regular intervals, retailers can also better engage their customers in the retail environment.

## Implement PC1017 as an Informative Tool for Promoting Sales

A worldwide sports gear & equipment chain store selected to install ARBOR's PC1017 in their stores in Poland as their price checker. Utilizing the barcode scanner and miniature screen, customers can receive price and product information. They can also input their member ID to get coupons and other product discount information.

## Build Your Own System
Customize your PC1017 via ARBOR's CTOS to meet your special needs:

- RFID & NFC module
- 1D barcode scanner
- 2D barcode scanner

- WLAN 802.11 a/b/g/n & Bluetooth 4.0 + BLE
- 2MP front-facing camera

# Selection Guide

| Model | K500 | PD450 | PD470 | Gladius GT-500(V) | Gladius GT-500-UHF | Gladius GT-78V |
|---|---|---|---|---|---|---|
| Dimensions (WxHxD) | 77.8 x 202.4 x 41.6 mm | 71 x 147 x 22.3 mm | 76 x 160 x 22 mm | 85 x 165.8 x 25.6 mm | 91.5 x 201 x 156 mm | 220 x 147 x 20.9 mm |
| CPU | Qualcomm Snapdragon 8*Cortex A53 1.8GHz | MTK MT6735 Cortex-A53 1.3GHz | MTK MTK6762 Cortex-4*A53 2.0GHz | MTK M6735 Cortex-A53 Quad Core 1.3GHz | MTK M6735 Cortex-A53 Quad Core 1.3GHz | Quad Core ARM Cortex-A53 1.3GHz |
| Graphics | | | | - | - | - |
| Memory | 2GB | 2GB | 2GB | 2GB | 2GB | 3GB |
| Storage | 16GB | 16GB | 16GB | 16GB | 16GB | 16GB |
| Camera | 1 x 8MP AF (Rear) | 1 x 2.0 MP (Front) 1 x 13MP AF (Rear) | 1 x 5.0 MP (Front) 1 x 13MP AF (Rear) | 1 x 2.0 MP (Front) 1 x 13.0 MP, AF (Rear) | 1 x 2.0 MP (Front) 1 x 13.0 MP, AF (Rear) | 1 x 5.0 MP (Front) 1 x 13.0 MP, AF (Rear) |
| WLAN | 802.11 a/b/g/n/ac/r | 802.11 a/b/g/n | 802.11 a/b/g/n/ac/r | 802.11 a/b/g/n | 802.11 a/b/g/n | 802.11 a/b/g/n |
| Bluetooth | Bluetooth 4.2 | Bluetooth 4.1 | Bluetooth 4.2 | Bluetooth 4.1 | Bluetooth 4.1 | Bluetooth 4.1 |
| WWAN | GSM / GPRS / EDGE / WCDMA / CDMA2000 / E-UTRA | GSM / GPRS / EDGE / WCDMA / CDMA2000 / FDD + TDD / DRX | BC0 / GSM / GPRS / EDGE / WCDMA / CDMA2000 / E-UTRA | FDD-LTE / TD-LTE / WCDMA / TD-SCDMA / CDMA (1x+EVDO) / GSM / GPRS | FDD-LTE / TD-LTE / WCDMA / TD-SCDMA / CDMA (1x+EVDO) / GSM / GPRS | 2G GSM/GPRS/EDGE 3G WCDMA LTE |
| GPS | Yes | Yes | Yes | Yes | Yes | Yes |
| LAN | - | - | - | - | - | - |
| Audio | 2 x Mic, 1 x Speaker | 1 x Mic, 1 x Speaker, 1 x 3.5mm headphone jack | 2 x Mic, 1 x Speaker | FM, 1 x Mic, 1 x Speaker, 1 x 3.5mm headphone jack | FM, 1 x Mic, 1 x Speaker, 1 x 3.5mm headphone jack | 1 x Mic, 1 x Speaker, 1 x 3.5mm headphone jack |
| SD card slot | 1 x microSD card slot | 1 x microSD card slot | 1 x microSD card slot | 1 x microSD card slot | 1 x microSD card slot | 1 x microSD/SDHC |
| Serial Port | - | - | - | - | - | - |
| Video Output | - | - | - | - | - | - |
| USB Port | 1 x USB 2.0 | 1 x micro USB 2.0 | 1 x USB Type C | 1 x Micro USB 2.0 | 1 x Micro USB 2.0 | 1 x Micro USB 2.0 |
| Display | 4" | 4.5" | 5" | 5" | 5" | 7.85" |
| Max Resolution | 320 x 480 | 960 x 540 | 1280 x 720 | 1280 x 720 | 1280 x 720 | 1024 x 768 |
| Touch Screen | Projected Capacitive 5-Point Multi-Touch | Projected Capacitive 5-Point Multi-Touch | Projected Capacitive 5-Point Multi-Touch | Projected Capacitive 5-Point Multi-Touch | Projected Capacitive 5-Point Multi-Touch | Projected Capacitive 5-Point Multi-Touch |
| Power Adapter Input | 100~240VAC | 100~240VAC | 100~240VAC | 100~240VAC | 100~240VAC | 100~240VAC |
| Power Adapter Output | DC 12V, 2A | DC 5V, 2A | DC 9V, 2A | DC 5V, 2A | DC 5V, 2A | DC 5V, 2A |
| Battery | 1 x 5200mAh | 1 x 4000mAh | 1 x 4000mAh | 1 x 4800mAh | 1 x 4800mAh | 1 x 6200mAh |
| Smart Card Reader | - | - | - | - | - | - |
| Barcode scanner | 1D/2D* | 1D/2D* | 1D/2D* | 2D* | 2D* | 2D |
| RFID & NFC | Yes | Yes | Yes | Yes | UHF RFID | Yes |
| Stylus | - | - | - | - | - | - |
| Docking | Desktop Charging Docking | - | Desktop Charging Docking | Vehicle dock* | - | Vehicle dock* |
| MSR | - | - | - | - | - | - |

*Optional

| Model | Gladius G0830 | PC1017 | Gladius G0975 | Gladius G0975M | Gladius G1075 | Gladius G1052C/R |
|---|---|---|---|---|---|---|
| Dimensions (WxHxD) | 208.5 x 150.6 x27 mm | 248.3 x 194.4 x 35.2 mm | 260 x 200 x 29 mm | 260 x 200 x 29 mm | 260 x 200 x 30.6 mm | 294 x 205 x 25 mm |
| CPU | Intel® Atom™ x5-Z8350 Processor | ARM Quad-Core Cortex A35 1.5Ghz | Intel® Celeron® N2930 Quad-Core 1.83 GHz | Intel® Celeron® N2930 Quad-Core 1.83 GHz | Intel® Celeron® N2930 Quad-Core 1.83 GHz | Intel® Celeron® N2930 Quad-Core 1.83 GHz |
| Graphics | Intel® HD Graphics | - | Intel® HD Graphics | Intel® HD Graphics | Intel® HD Graphics | Intel® HD Graphics |
| Memory | 2GB DDR3L | 2GB DDR4 | 2GB DDR3L SO-DIMM | 2GB DDR3L SO-DIMM | 2GB DDR3L SO-DIMM | 2GB DDR3L SO-DIMM |
| Storage | 64GB eMMC | 16GB eMMC | 1 x 32GB MLC mSATA SSD | 1 x 32GB MLC mSATA SSD | 1 x 32GB MLC mSATA SSD | 1 x 32GB MLC mSATA SSD |
| Camera | 1 x 2.0 MP (Front) 1 x 8.0 MP, AF (Rear) | 1 x 2MP (Optional) | 1 x 5.0 MP | 1 x 5.0 MP* | 2 x 5.0 MP | 1 x 5.0 MP |
| WLAN | 802.11 a/b/g/n/ac | 802.11 a/b/g/n | 802.11 a/b/g/n | 802.11 a/b/g/n | 802.11 a/b/g/n | 802.11 a/b/g/n |
| Bluetooth | Bluetooth 4.1 | Bluetooth 4.0 BLE | Bluetooth 4.0 LE | Bluetooth 4.0 LE | Bluetooth 4.0 LE | Bluetooth 4.0 LE |
| WWAN | - | * | - | - | - | HSUPA/HSPA+/LTE* |
| GPS | Yes* | - | Yes* | Yes* | - | Yes* |
| LAN | 1 x GbE (cradle) | 1 x10/100M w/ PoE | 1 x RJ-45 (cradle) | 1 x RJ-45 (cradle) | 1 x RJ-45 (cradle) | 1 x RJ-45 (cradle) |
| Audio | 1 x Mic, 2 x Speakers, 1 x 3.5mm headphone jack | 1 x Speaker | 1 x Mic, 2 x Speakers, 1 x 3.5mm headphone jack | 1 x Mic, 2 x Speakers, 1 x 3.5mm headphone jack | 1 x Mic, 2 x Speakers, 1 x 3.5mm headphone jack | 1 x Mic, 1 x Speaker, 1 x 3.5mm headphone jack |
| SD Card Slot | 1 x microSD | - | 1 x microSD/SDHC/SDXC | 1 x microSD/SDHC/SDXC | 1 x SD/SDHC/SDXC | 1 x SD/SDHC/SDXC |
| Serial Port | - | - | 2 x RS-232 (cradle) | 2 x RS-232 (cradle) | 2 x RS-232 (cradle) | 1 x RS-232* |
| Video Output | 1 x HDMI (cradle) | - | 1 x Mini HDMI 1.4 1 x VGA (cradle) | 1 x Mini HDMI 1.4 1 x VGA (cradle) | 1 x Mini HDMI 1.4 1 x VGA (cradle) | - |
| USB Port | 1 x Micro USB 2.0 (OTG) 3 x USB 2.0 (on cradle) | 2 x USB 2.0 | 1 x USB 3.0, 1 x micro USB 2.0 4 x USB 2.0 (cradle) | 1 x USB 3.0, 1 x micro USB 2.0 4 x USB 2.0 (cradle) | 1 x USB 3.0, 2 x micro USB 2.0 4 x USB 2.0 (cradle) | 1 x USB 3.0 3 x USB 2.0 (cradle) |
| Display | 7.85" | 10.1" | 9.7" | 9.7" | 10.1" | 10.4" |
| Max Resolution | 1024 x 768 | 1280 x 800 | 1024 x 768 | 1024 x 768 | 1280 x 800 | 1024 x 768 |
| Touch Screen | Projected Capacitive 10-Point Multi-Touch | Projected Capacitive 10-Point Multi-Touch | Projected Capacitive 10-Point Multi-Touch | Projected Capacitive 10-Point Multi-Touch | Projected Capacitive 10-Point Multi-Touch | Projected Capacitive 10-Point Multi-Touch |
| Power Adapter Input | 100~240VAC | 100 ~ 240VAC | 100 ~ 240VAC | 100 ~ 240VAC | 100 ~ 240VAC | 100 ~ 240VAC |
| Power Adapter Output | DC 5V, 2A, 10W (tablet) DC 12V. 5A. 60W (cradle) | DC 12V, 2.5A | DC 19V, 3.42A, 65W | DC 19V, 3.42A, 65W | DC 19V, 3.42A, 65W | DC 19V, 3.42A, 65W |
| Battery | 1 x 4000mAh | - | 1 x 2270mAh (4-cell), 1 x 2270mAh (2-cell)* | 1 x 2270mAh (3-cell) | 1 x 2270mAh (4-cell), 1 x 2270mAh (2-cell)* | 1 x 2500mAh, 1 x 1880mAh* |
| Smart Card Reader | On cradle | - | - | - | - | Yes* |
| Barcode scanner | 2D | 1D or 2D | Yes* | Yes* | Yes* | Yes* |
| RFID & NFC | On tablet On cradle* | Optional | - | - | - | Yes* |
| Stylus | Optional | - | - | - | - | Yes* |
| Docking | Desktop cradle* | - | Desktop cradle / vehicle cradle* | Desktop cradle / vehicle cradle* | Desktop cradle / vehicle cradle* | Yes* |
| MSR | On cradle | - | Yes* | Yes* | Yes* | Yes* |

*Optional

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