



Rugged Mobile Computing



Rugged
Tablet PCs



Rugged IoT
Handheld Devices

Empowering Your Retail EcoSystem

To help digitalize and streamline processes within retail industries, ARBOR offers a portfolio of Internet of Retail (IoR) solutions as a cloud-based central management platform. From front-end data retrieval and computing to back-end unified management, products and places within a customer's IoR ecosystem and to create a more intelligent and connected retail ecosystem.

Intelligent Retail



Asset Predictive Maintenance



Efficient Management of All Endpoints

IoT Management Platform

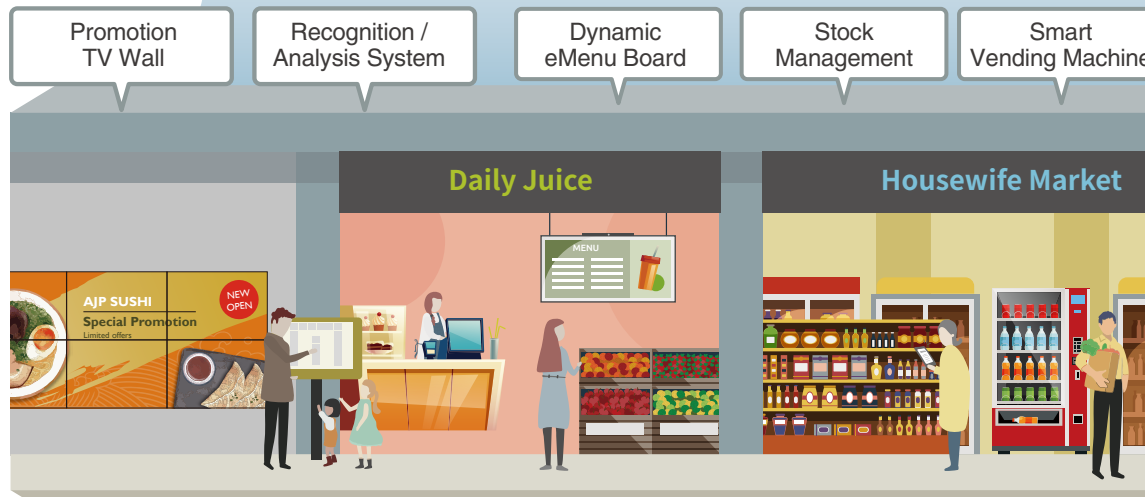


Real-Time Monitoring



Data Visualization

Applications



Computing Terminals

Multi-Display Terminal



Recognition System



Edge Computers



Tablet Computers



Touch Panels



Open Frame



IoT Devices



Camera



RFID Reader



NFC



Beacon

Ba

including both hardware computing systems as well as our solution can efficiently help connect customers,

Management of
vents



Demand-aware
Merchandise Planning



Big Data-driven
Decision Making



Application
Management



Content
Distribution



Remote
Access

Consumer
Self-service

Field
Customer Service

Customer
Counter

Supply Chain
Optimization

Logistics
Integration

Fleet
Management



PC

IoT Handheld

Graphic Order Terminal

Rugged Handheld

In-Vehicle Terminal



Panel

POS

Mobile POS

Industrial Tablet



Barcode Scanner



GPS



MSR



Sensor



Smart Card Reader



Fingerprint Sensor

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

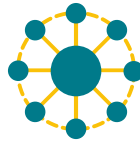
Boosts Distribution Efficiency

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.

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



Build to Survive Extreme Environments

Rugged Mobile Computing Devices



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



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 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



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.



Optional Hand Strap

Lightweight

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.



Barcode Triggers

Ambidextrous Design

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.

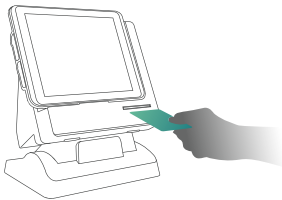
For optimized display, you can tilt the tablet screen for your desired view angle.

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



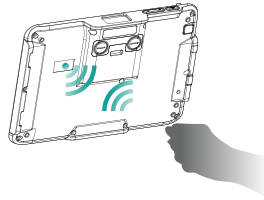
- ISO 7816
- Support EMV

MSR



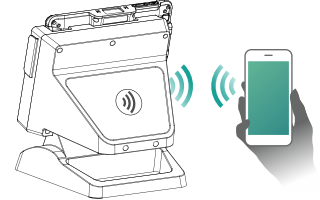
- ISO 7811 1-6

RFID/NFC

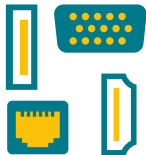


- ISO 15693, 14443A/B
- Felica, Mifare, Tag it
- NFCIP-1/2
- ST LRI 1K/M24LRXX

NFC



- ISO15693, 14443
- Felica, Mifare
- 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



Neck Strap



Hand 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	PD450	PD470	Gladius GT-500(V)	Gladius GT-500-UHF	Gladius GT-78V
Dimensions (WxHxD)	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	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	3GB
Storage	16GB	16GB	16GB	16GB	16GB
Camera	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	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 4.1	Bluetooth 4.2	Bluetooth 4.1	Bluetooth 4.1	Bluetooth 4.1
WWAN	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
LAN	-	-	-	-	-
Audio	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/SDHC
Serial Port	-	-	-	-	-
Video Output	-	-	-	-	-
USB Port	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	4.5"	5"	5"	5"	7.85"
Max Resolution	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
Power Adapter Input	100-240VAC	100-240VAC	100-240VAC	100-240VAC	100-240VAC
Power Adapter Output	DC 5V, 2A	DC 9V, 2A	DC 5V, 2A	DC 5V, 2A	DC 5V, 2A
Battery	1 x 4000mAh	1 x 4000mAh	1 x 4800mAh	1 x 4800mAh	1 x 6200mAh
Smart Card Reader	-	-	-	-	-
Barcode scanner	1D/2D*	1D/2D*	2D*	2D*	2D
RFID & NFC	Yes	Yes	Yes	UHF RFID	Yes
Stylus	-	-	-	-	-
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 x 27 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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