Athesi
Smartphones & Tablets

A french brand

Athesi, a product range adapted to all sectors of activity

Food manufacturing Maintenance
Smart Industry Real Estate Automotive
Government Transportation and Logistics
Emergency services Electric services Energy
Army Manufacturing Police Civil engineering
Engineering Warehouse Management Financial
Defence Public safety Construction Pharmaceutical
Catering Field Operations Oil & Gas Telecoms
Distribution Healthcare Logistics Public Sector
Retail Services Utilities Hospitality Security

Athesi, international distribution

Production Certifications

About Athesi

Founded in 2005, Athesi is a French company with head office in Bry Sur Marne near Paris. Team members are experts With more than 30 years' experience in automatic identification and professional mobility market.

Through its brand, Athesi offers a complete range of rugged products for professionals: Hand help and vehicle mount terminals, rugged smartphones, rugged tablets, industrial laptops and all business accessories specially adapted to field conditions of use, as well as barcode and RFID scanner.

Specialist on solutions for mobile professional users, Athesi makes every effort to ensure products meet business requirements as closely as possible by placing end users at the heart of its concerns.

Focused on its know-how as a hardware designer hight technologies products, Athesi go to market is channel via partners.

Athesi network of international partners, leaders in mobile computing and integration with pre and post-sales technical support, provides comprehensive support adapted to each client project.

Athesi products are distributed throughout Europe Middle East Africa and Canada.

We want to make users life easier...

Listening to the needs of its customers and drawing on its experience, Athesi regularly develops new products.

Leader in the professional mobility market, the main mission of Athesi is to offer a very complete range of products and associated services aimed at increasing the efficiency and productivity of its customers. Athesi thus offers products with technologies to manage all types of business applications in the fields of mobility, traceability and data collection.

Athesi supports its customers in their digital migration with a unique offer of customizable materials that meet all user needs. Athesi has always been an independent company with equity capital. The profits are reinvested as a priority each year in research and development guaranteeing strong sustainability of this French company on the national and international position.

All Athesi products are repaired in Athesi-approved repair centers at our certified maintenance distributors in Europe, Middle East and Africa.

La FRENCH TECH

Athesi, A whole range of product

Athesi offers several very complete ranges of products matching the needs of small, medium and large national or international companies.

Athesi products are suitable for all vertical markets that need rugged mobile devices, whatever their application. Customers can find the product that best meets their operational and financial requirements.

Because customers' needs are different and each customer is unique, Athesi designs and offers a wide range of products with differences such as hardness levels, service times, prices, accessories, upgradable, customization etc…

The product offer is declined as follows:

The Athesi Professional range

• Rugged smartphones and tablets
• Bundled configuration
• High quantity available on stock
• The best prices
• Product life cycle minimum 2 years
• 2-years standard warranty

The Athesi E-Serie range

• Rugged light and thin products
• Barcode scanner built-in optional
• High quantity available on stock
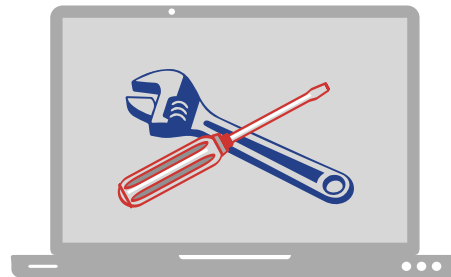• Product life cycle minimum 3 years
• 3-years service contract

The Athesi R-Serie range

• High-level rugged and professional products
• The best-performance products
• High level of flexibility for configuration customization
• A very wide choice of business accessories
• Product life cycle minimum 5 years
• 3 to 5 years service contracts

The Athesi Security range

• Advanced access control
• Biometrics
• Checking identity papers
• Industrial Solutions

The Athesi Software tools range

• Fleet Management
• Mobile device Management
• Mobile Application Management
• Mobile Content Management
• Remote control
• Kiosk builder

Athesi Services

Support department

Athesi provides free dedicated support department to help you to make the best use of its products. The Hotline answers all questions and, as far as possible, helps to avoid a product return by providing the necessary support on line. This support is available for pre-sales and post-sales requests.

Customization department

Depending on project range, the «customization» department analyses the potential modifications and adaptations of the hardware and OS or firmwares. This department is also offering tailor-made solutions for specific factory processes (installation of masters, custom packaging, labelling, etc.) to optimize the supply chain and save time and money.

Repair department

Athesi European Services Centers for repairs are in France & Italy. Athesi is highly committed to ensure a high level of service and a well-managed lead time. Service Centers are composed by a team of engineers and specialized technicians, to be able to do any kind of repair. The after-sales staff is in permanent link with R&D, which allows a permanent qualitative evolution of the products. Athesi offers a range of standard or tailormade service contracts to satisfy all requirements depending on the sector.

Logistic department

Athesi has large quantity of products available in stock in order to ensure short delivery time. Alike, a large quantity of spare parts enables us to offer an optimal quality of service and to commit deadlines for maintenance services. As soon as device is dispatched, a realtime tracking number is issued.

	AP5702	AP5706	AP5705S	AP5801
OS	Android 11 GMS	Android 11 GMS	Android 10 / Android 12 AER - GMS	Android 9 GMS
Dimensions	157.5 x 78.1 x 13.7 mm	159 x 79.4 x 18 mm	159.4x77.7x13.7 mm	165.9x81.3x16.5 mm
Weight	265g	325g	275g	283g
Display	5.7" HD+ IPS 720x1440px 5 points multi-touch 18:9	5.7" HD+ IPS 720x1440px 5 points multi-touch 18:9	5.7'' HD+ IPS 740x1440px 5 points multi-touch 18:9	5.84 inch FHD+ IPS 1080x2280px 5 points multi-touch 19:9
Brightness	400 Nits	400 Nits	540 Nits	549 Nits
Connectivity	802.11 a/b/g/n/ac 4GLTE	802.11 a/b/g/n/ac 4GLTE	802.11 a/b/g/n/ac 4GLTE	802.11 a/b/g/n/ac 4GLTE
CPU	Mediatek Helio A20 MT6761D 4xCortexA53 Quadcore	Mediatek Helio A25 MT6762 Octocore 4xCortexA53 1.8 GHz + 4xCortexA53 1.5 GHz	Mediatek Helio P22 Octocore 1.8GHz	Mediatek Helio P70 Octo Core 2.1 ~ 2 GHz
Memory	3GB RAM LPDDR3 32GB EMMC (TF 128GB)	4GB RAM LPDDR4X 64GB EMMC (TF 128GB)*	4GB RAM LPDDR4X 128GB EMMC (TF 128GB)	6GB RAM LPDDR4X 128GB EMMC (TF 256GB)
Camera	Front 5MP Rear 8.0MP + 5.0MP	Front 8MP Rear 16.0MP+0,3MP+0,3MP	Front 13MP Rear 16MP + 8MP + 0.3 MP	Front 16MP Rear 16MP + 8MP
Barcode Reader	Through camera	Through camera	1D/2D dedicated reader N6603SR	Through camera
Fingerprint Face scanning	Facial	Embedded	Embedded	Embedded
NFC	Embedded	Embedded	Embedded	Embedded
Bluetooth	5.0	5.0	5.0	4.1
Battery	5580 mAh 5V Lithium-Polymer	8580 mAh 5V Lithium-Polymer	5580 mAh 5V Lithium-Polymère	4380 mAh 5V Lithium-Polymer
USB-C Charging	Yes	Yes	Yes	Yes
Wireless Charging	No	No	Yes	Yes
Earphones Jack	Jack 3,5mm	USB C	USB C	USB C
Navigation	GPS + GLONASS + BEIDOU + GALILEO	GPS + GLONASS + BEIDOU + GALILEO	GPS + GLONASS + BEIDOU + GALILEO	GPS + GLONASS + BEIDOU
Rugged Features	IP68 & IP69K 1.5 m Drop MIL-STD-810G	IP68 & IP69K 1.5 m Drop MIL-STD-810G	IP68 1.5 m Drop MIL-STD-810G	IP68 1.5 m Drop MIL-STD-810G
Temperature	From -30° to +60°	-30° to +60°	From -30° to +60°	From -30° to +60°
IO	2 Nano-SIM (or 1 Nano-SIM, 1 TF) Micro SD 128GB Micro USB	2 Nano-SIM (or 1 Nano-SIM, 1 TF) Micro SD 128GB USB C	2 Nano-SIM (or 1 Nano-SIM, 1 TF) Micro SD 128GB USB C	2 Nano-SIM (or 1 Nano-SIM, 1 TF) Micro SD 128GB USB C
Softwares	Sound Meter + Compass + Flashlight + Inclinometer + Pic + Hanging + Height Measure + Magnifier + Dictaphone + Pedometer + Plumb Bob + Proctractor	Sound Meter + Compass + Flashlight + Inclinometer + Pic + Hanging + Height Measure + Magnifier + Dictaphone + Pedometer + Plumb Bob + Proctractor	Sound Meter + Compass + Flashlight + Inclinometer + Pic + Hanging + Height Measure + Magnifier + Dictaphone + Pedometer + Plumb Bob + Proctractor + Barcode Datacapture and Storage	Sound Meter + Compass + Flashlight + Inclinometer + Pic + Hanging + Height Measure + Magnifier + Dictaphone + Pedometer + Plumb Bob + Proctractor + Barometer + Gas Monitor
Kiosk Mode	Embedded	Embedded	Embedded	Embedded
SOS Features	No	Embedded	Embedded	Embedded
SAR - Head	0.369 W/kg	0.737 W/Kg	0.260 W/kg	0.164 W/kg
SAR - Body	0.369 W/kg	1.322 W/Kg	0.589 W/kg	0.290 W/kg
SAR - Members	2.334 W/kg	3.396 W/Kg	1.265 W/kg	-
Warranty	2 Years	2 Years	2 Years	2 Years

Athesi Professional

	AP8001TL 8" DISPLAY	AP8001CL 8" DISPLAY	AP1001TL 10" DISPLAY	AP1001CL 10" DISPLAY	AP1002TL 10" DISPLAY
OS	Android 10	Windows 10	Android 10	Windows 10	Android 11
Dimensions	220x143x14 mm	220x143x14 mm	266 x 174.4x 15.7 mm	266 x 174.4 x 15.7 mm	263 x 177 x 10.5 mm
Weight	650g	650g	920g	920g	650g
Display	8 800x1280 IPS 5 points multi-touch	8 800x1280 IPS 5 points multi-touch	10.1 1200x1920 IPS 10 points multi-touch	10.1 HD+ IPS 1200x1920px 10 points multi-touch 16:10	10,1" 1200x1920 IPS 10 points multi touch
Brightness	450 Nits	450 Nits	400 Nits	450 Nits	400 nits
Connectivity	Wi-Fi 802.11 a/b/g/n/ac HSPDA-HSUPA 3.8G/4G LTE	Wi-Fi 802.11 a/b/g/n/ac HSPDA-HSUPA 3.8G/4G LTE	Wi-Fi 802.11 a/b/g/n/ac 4GLTE	Wi-Fi 802.11 a/b/g/n/ac 4GLTE	Wi-Fi 802.11 a/b/g/n/ac 5G
CPU	Qualcomm snapdragon 625 8 core MSM8953 2GHz	Intel® Cherrytrail Quad-core, Z8350, 1.92Ghz	Qualcomm Snapdragon 625 8 core MSM8953 2GHz	Intel® Cherrytrail Quad-core, Z8350 1.92Ghz	Mediatek MT6833 8core
Memory	4 GB LPDDR3 64 GB EMMC ROM	4 GB LPDDR3 64 GB EMMC ROM	4 GB LPDDR3 64 GB EMMC ROM	4 GB LPDDR3 64 GB EMMC ROM	4 GB LPDDR4X 64 GB EMMC ROM
Camera	Front 5MP / Rear 13MP with auto focus and flash	Avant 2MP Rear 5MP with auto focus	Front 5MP / Rear 13MP with auto focus and flash	Avant 2MP Rear 5MP with auto focus	Front 5MP / Rear 13MP with auto focus and flash
Barcode reader	Through camera / bluetooth or USB dedicated reader	Through camera / bluetooth or USB dedicated reader	Through camera / bluetooth or USB dedicated reader	Through camera / bluetooth or USB dedicated reader	Integrated 2D barcode reader
NFC	Embedded	Embedded	Embedded	No	Embedded
Bluetooth	4.0 BLE	4.2 BLE	4.0 BLE	4.2 BLE	5.1
Battery	7500 mAh 3.7V Lithium-Ion-Polymère	7500 mAh 3.7V Lithium-Ion-Polymère	10 000 mA - 3.7V Lithium-Ion-Polymère	10 000 mA - 3.7V Lithium-Ion-Polymère	9500 mA - 3,8V Lithium-Ion-Polymere
USB-C Charging	No	No	No	No	Yes
Earphones jack	Jack 3,5mm	Jack 3,5mm	Jack 3,5mm	Jack 3,5mm	USB-C
Navigation	GNSS GPS/GLONASS	GNSS GPS/GLONASS	GNSS GPS/GLONASS/QZSS	GNSS GPS + GLONASS + Ublox NEO7	GPS/Galileo/GLONASS/BeiDou
Rugged Features	IP67 MIL-STD-810G Shock and vibration 1,2 m Drop	IP67 MIL-STD-810G Shock and vibration 1,2 m Drop	IP65 MIL-STD-810G Shock and vibration 1,2 m Drop	IP65 MIL-STD-810G Shock and vibration 1,2 m Drop	IP65 MIL-STD-810G Shock and vibration 1,2 m Drop
Temperature	-20°C à +55°C	-20°C à +55°C	-20°C à +55°C	-20°C à +60°C	-20°C à +55°C
IO	TF SD x1 Max 128 GB Micro USB 3.0 x1 HDMI 1.4a Type C SIM x1 Audio jack	TF SD x1 Max 128 GB Micro USB 3.0 x1 HDMI 1.4a Type C SIM x1 Audio jack	TF SD x1 Max 128 GB Micro USB 3.0 x1 HDMI 1.4a Type C SIM x1 Audio jack	TF SD x1 Max 128 GB Micro USB 3.0 x1 HDMI 1.4a Type C SIM x1 Audio jack	Support TF SD x1 Max 512Go USB 2.0 OTG/PE SIM x 2
Softwares	Accelerometer + Compass + Inclinometer	Accelerometer + Compass + Inclinometer	Accelerometer + Compass + Inclinometer	Accelerometer + Compass + Inclinometer	G Sensor + Geomagnetic Sensor (Compass) + Gyro Sensor
Warranty	2 Years	2 Years	2 Years	2 Years	2 Years

Rugged Smartphones and PDA - E Series

E40

4 GB RAM, 64 GB ROM. Multi-touch touchscreen display. Micro SD. SIM. Charging connector on base. Rear camera 13 Mpx autofocus and flash. USB Type C.162x73x19mm. Operating from -10°C to +55°C.
Shipped with : 4500 mA battery, hand strap, screen protection, USB power adapter.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Helio P22 (MT6762V) Cortex A53 Octo Core 2 GHz	Android 11 GMS	WVGA 480 x 800 300 Nits	1D/2D imager	HF 13,56MHz (NFC)	4G LTE, Wifi a/b/g/n Bluetooth 5.0, GPS	IP65 / 1.2m MIL STD 810G	250g

Low cost, removable battery, built-in keyboard, Android 11

Desktop dock AT-CAE4001	Battery 4500 mA 3,8 V AT-CAP4002	Holster belt clip CARP10010	Cigar lighter charger 3760310040031	Power adapter USB AT-CASPA4302

E43

4 GB RAM, 64 GB FlashROM. Multi-touch touchscreen display. Micro SD. SIM. Charging connector on base. Rear camera 13 Mpx autofocus and flash. USB 2.0 communication and charging a client. 140x78x28 mm. Operating from -5°C to +50°C.
Shipped with: 3150 mA battery, hand strap, screen protection, USB power adapter.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Helio P22 (MT6762V) Cortex A53 Octo Core 2 GHz	Android 9 GMS	WVGA 480 x 800 400 Nits	1D/2D imager	HF 13,56MHz (NFC)	4G LTE, Wifi a/b/g/n Bluetooth 5.0, GPS	IP66 / 1.2m MIL STD 810G	270g

The less expensive, removable battery and multi-use.

Desktop dock AT-CASPA4303	Battery 3150 mA 3,7 V AT-CASPA4301	Arm holster AT-CASPA4304	Hand strap AT-CASPA4306	Cigar lighter charger AT-CASPA4308	Power adapter USB AT-CASPA4302	Bumper AT-CASPA4310

E5SL

4 GB RAM, 64 GB EMMC. Rear camera 13 Mpx autofocus and flash. Capacitive multi-touch display. Optional fingerprint scanner. Micro SD. SIM. USB-C and docking connector. POGO PIN. Accelerometer. Brightness sensor. 147.7x74x16.4 mm. Operating from -10°C to +50°C. 4000 mA, 3,85V battery.
Shipped with: USB cable, hand strap, USB power adaptor, USB-C to USB type A female adaptor.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Qualcomm Snapdragon 625 Octo Core 2Ghz 64 bits	Android 9 GMS	HD 720 x 1280 300 Nits	1D/2D imager	UHF (optional)	4G LTE, Wifi a/b/g/n/ac, Bluetooth 4.1 GPS / GLONASS	IP65 / 1.2m MIL STD 810G	225g

Various accessories for retail. Long autonomy.
Whole range of accessories, compact, powerful, communication base, UHF

USB / Ethernet desktop dock AT-CAE5SL01	Battery jacket 4000 mA 3,8V AT-CAE5SL02	Pistol Grip AT-CAE5SL03	UHF AT-CAE5SL04	Holster belt clip CARP10010	4 slots desktop dock	Forearm support AT-CAE5SL09

Rugged Smartphones and PDA - E Series

E5L

4 GB RAM, 64 GB FlashROM. Rear camera 13 Mpx autofocus and flash and front camera 5 Mpx. Capacitive multi-touch display. Gorilla Glass 4. Micro SD. SIM. Micro USB and docking connector. Accelerometer. Brightness sensor. 156x74x17 mm. Operating from -10°C to +50°C.
Shipped with: 4000 mA battery, wrist strap, USB power adapter.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Helio P22 (MT6762V) Cortex A53 Octo Core 2 GHz	Android 11 GMS	HD 720X1280 350 nits	1D/2D imager	HF 13,56MHz (NFC)	4G LTE, Wifi a/b/g/n Bluetooth 5.0, GPS	IP65 / 1.2m MIL STD 810G	270g

Removable battery, light and thin, physical function keys.

| Bumper | USB / Ethernet desktop dock AT-CAE5L01 | Battery AT-CAE5L02 | Holster belt clip CARP10010 | Wrist strap AT-CAE5L05 | Cigar lighter charger AT-CASPA4308 | Power adapter USB AT-CAE5L04 | Forearm support AT-CAE5SL09 |

E6A

4 GB RAM, 64 GB EMMC. Rear camera 13 Mpx autofocus and flash and front camera 5 Mpx. Capacitive multi-touch display. Gorilla Glass 3. Micro SD, micro SIM, USB-C. Accelerometer, brightness sensor. USB-C and docking connector. 185x94x26 mm. Operating from -10°C to 50°C.
Shipped with: 5000 mA/3,7V battery pack, hand strap, USB-C cable, USB power adapter.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Qualcomm MSM8953 Octa-core 2.0Ghz	Android 10 GMS	HD 720X1280 300 nits	1D/2D imager	HF 13,56MHz	4G LTE, Wifi a/b/g/n Bluetooth 5.0, GPS	IP65 / 1.2m MIL STD 810G	380g

Widescreen display, removable battery, very rugged, communication base.

| Ethernet desktop dock AT-CAE603B | 2 slots desktop charger AT-CAE603 | Battery 5000mA 3,7V AT-CAE601 | Holster belt clip AT-CAE606 | Hand strap AT-CAE604 | Cigar lighter charger AT-CASM1016 | Power adapter USB AT-CAE602 | Forearm support AT-CAE5SL09 |

Adapted to order taking

E6C

4 GB RAM, 64 GB FlashROM, USB 2.0 client, micro SD, micro SIM. Rear camera 8 Mpx autofocus and front camera 2 Mpx. Accelerometer, brightness sensor. Gorilla Glass 3. 720x1280 pixels capacitive and multi-touch display. Micro USB and docking connector. 185x94x26mm. Operating from -10°C to 50°C.
Shipped with: 5000 mA/3,7V battery pack, hand strap, USB power adapter.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Intel Atom Cherrytrail-T Z8350 Quad Core 1,92GHz	Windows 10	HD 720X1280 430 nits	1D/2D imager	HF 13,56MHz (NFC)	4G LTE, Wifi a/b/g/n Bluetooth 4.0, GPS	IP65 / 1.2m MIL STD 810G	380g

Windows 10 x64 in 6-inch tablet, removable battery, very rugged.

Ethernet desktop dock	2 slots desktop charger	Battery 5000mA 3,7V	Holster belt clip	Hand strap	Cigar lighter charger	Power adapter USB	Forearm support
AT-CAE603B	AT-CAE603	AT-CAE601	AT-CAE606	AT-CAE604	AT-CASPA4308	AT-CAE602	AT-CAE5SL09

E8B

Windows 10. 4 GB RAM, 128 GB EMMC. Brightness Sensor. Rear camera 5 Mpx autofocus and front camera 2 Mpx. Accelerometer. 2x USB 2.0, audio jack, mini HDMI, micro SD. 8300 mA 3,7V internal battery. 228x145x16.5mm. Operating from -10°C to 50°C.
Shipped with: hand strap, micro USB cable, power supply.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Intel Atom Cherrytrail-T Z8350 Quad Core 1,92GHz	Windows 10	1280 x 800 400 Nits	1D/2D imager	HF 13,56MHz (NFC)	4G LTE, Wifi a/b/g/n Bluetooth 4.0, GPS	IP67 / 1.2m MIL STD 810G	710g

E8T

Android 10. 4Go RAM 64 GoROM Qualcomm SnapDragon 625 2Ghz OctoCore, Display 1280 x 800 dual mode (capacitive touch screen and digitizer), 700 nits, integrated GPS. Wifi 802.11 b/g/n/ac, Bluetooth Rev 4.0, Camera 13 Mpixels autofocus and flash at the back and 5 Mpixels at the front, Accelerometer, Light sensor, USB 3.0, USB OTG, audio jack, 1 micro HDMI, 1 micro SD, Internal Battery 8500 mA 3,7V, IP67.
Shipped with: Hand strap, power supply, USB cable

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Qualcomm SnapDragon 625 2Ghz OctoCore	Android 10 GMS	1280 x 800 700 Nits	1D/2D imager	HF 13,56MHz (NFC)	4G LTE, Wifi a/b/g/n Bluetooth 4.0, GPS	IP67 / 1.2m MIL STD 810G	710g

Rugged tablets, various accessories, various setup.

Ethernet desktop dock	Vehicle Dock	Harness carrying case	Hand strap
AT-CAE8B01	AT-CAE8011B	AT-CAE8010	AT-CAE808

Active stylus	Stylus attachment E8/E10/E12	DC/DC converter	Cigar lighter charger	Power adapter 5V
ask for reference	AT-CAE806	AT-CAE1005	AT-CAE803	AT-CAE805

E10B

Windows 10. 4 GB RAM, 128 GB EMMC. Brightness sensor. Rear camera 5 Mpx autofocus and front camera 2 Mpx. Accelerometer. 2x USB 2.0, audio jack, mini HDMI, micro SD, SIM. RS232, RJ45. 10000 mA 3,7V internal removable battery. 280x187x22mm. Operating from -10°C to 50°C.
Shipped with: hand strap, micro USB cable, power supply.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Intel Atom Cherrytrail-T Z8350 Quad Core 1,92 Ghz	Windows 10	1920 x 1200 400 Nits	1D/2D imager	HF 13,56MHz (NFC)	4G LTE, Wifi a/b/g/n Bluetooth 4.1, GPS	IP65 / 1.2m MIL STD 810G	1210g

E10BC

Windows. 8 GB RAM, 128 GB SSD. Brightness sensor. Rear camera 8 Mpx autofocus and front camera 2 Mpx. Accelerometer. USB 3.0, USB 2.0, audio jack, mini HDMI, micro SD, SIM. RS232, RJ45. 280x187x22mm. Operating from -10°C to 50°C.
Shipped with: 5000 mA 7,4V battery pack, hand strap, micro USB cable, power supply.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Core I5 Amberlake I5 8200Y 3,9 Ghz	Windows 10	1920 x 1200 400 Nits	1D/2D imager	N/A	4G LTE, Wifi a/b/g/n Bluetooth 4.2, GPS	IP65 / 1.2m MIL STD 810G	1210g

E10T

4 Go RAM 64Go ROM Qualcomm SnapDragon 625 2Ghz OctoCore, Screen 1280 x 800 tactile capacitive and digitizer, 700 nits, GPS. Wifi 802.11 b/g/n/ac, Bluetooth Rev 4.0. Camera 13 Mpixels autofocus at the back and 2 Mpixels at the front, G sensor, light sensor, 1 USB 3.0, 1 USB-C 2,0, audio jack, micro HDMI, micro SD. RS232, RJ45, swappable battery 10000 mA 3,7V, IP65, 1m drops.
Shipped with: 10000 mA 3,7V battery pack, hand strap, protective screen installed, Carry handle, Power supply, 1 USB cable

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Qualcomm SnapDragon 625 2Ghz OctoCore	Android 10 GMS	1280 x 800 700 Nits	1D/2D imager	HF 13,56MHz (NFC)	4G LTE, Wifi a/b/g/n Bluetooth 4.0, GPS	IP65 / 1.2m MIL STD 810G	1210g

Rugged, ethernet port, RS232 port, communication and charging base.
Possibility to have high-performance versions (ICore 5).

E10/E12
Desktop dock
AT-CAE1201
AT-CAE1201K

E10B Vehicle dock with key lock, Ethernet, DC jack, 2 USB, RS232 DB9, kit fixation
AT-CAE1011B
AT-CAE1011B1

Additional removable battery
AT-CAE1008
AT-CAE1008K

Harness carrying case
AT-CAE1013

Hand strap
AT-CAE1006

Cigar lighter charger
AT-CAE803

Power adapter
AT-CAE805

DC/DC converter
AT-CAE1005

Active stylus
ask for reference

Stylus attachment
AT-CAE806

VESA plate
AT-CART8016

E12T

Android 10 GMS. 4GoRAM, 64Go SSD, Qualcomm SnapDragon 625 2Ghz OctoCore, Screen 1920 x 1200 tactile 10 points capacitive, 300 nits, GPS. Wifi 802. 11 b/g/n/ac, Bluetooth Rev 4.2.
Camera 13 Mpixels autofocus at the back and 5 Mpixels at the front, G sensor, 1 USB 3.0, 2 USB 2,0, audio jack, HDMI, micro SD. RS232, RJ45, swappable battery 12600 mA 3,7V, IP65, 1,2m drops.
Shipped with: hand strap, Carry handle, Power supply, 1 USB cable.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Qualcomm SnapDragon 625 2Ghz OctoCore	Android 10 GMS	1920 x 1200 300 Nits	1D/2D imager	HF 13,56MHz (NFC)	4G LTE, Wifi a/b/g/n Bluetooth 4.0, GPS	IP65 / 1.2m MIL STD 810G	1480g

Widescreen display, various accessories, RS232 and Ethernet port,
high performance version (with Kabylake processor).

E10/E12
Ethernet desktop dock
AT-CAE1201
AT-CAE1201K

Additional
removable battery
AT-CAE1205
AT-CAE1205K

Cigar lighter charger
AT-CAE803

Hand strap
AT-CAE1206

Harness strap
AT-CAE1207B

Shoulder strap
AT-CAE1207

Power adapter
AT-CAE805
AT-CAE1202

Removable QWERTY
keyboard
AT-CAE1210

DC/DC con verter
AT-CAE1005

Stylus attachment
AT-CAE806

Active stylus
ask for reference

**The industrial range,
Athesi E Series**

Athesi
Smartphones & Tablets

EVM8

4GbRAM/64Gb Flash, GPS, 8" display HD 800 x 1280 tactile capacive, 700 nits, Wifi 802.11 a/b/g/n/ac, Bluetooth Rev 5.0, USB 3.0 Type A x1, 4GLTE, 1000M Ethernet (M12- 8 pin connector), 1 RS232 + 1 RS232/RS485 (M12 -12 pin connector), 2 x USB 2,0 + 1 CAN/CVBS (M12 -12 pin connector), input voltage 11-24V, IP65, operate temp -20°C to 60°C.
Shipped with: 8-pin power cable.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Intel Jasperlake N5100	Windows 10 / Linux	HD 800X1280 700 nits	N/A	Optional NXP300	4G LTE, Wifi a/b/g/n/ac Bluetooth 5.0, GPS	IP65 / 1.2m MIL STD 810G	620g

Possibility of having an optional internal battery to maintain the charge in the event of micro cuts.

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EVM10

4GbRAM/64Gb Flash, GPS, 10" display HD 800 x 1280 tactile capacive, 700 nits, Wifi 802.11 a/b/g/n/ac, Bluetooth Rev 5.0, USB 3.0 Type A x1, 4GLTE, 1000M Ethernet (M12-8 pin connector), 1 RS232 + 1 RS232/RS485 (M12-12 pin connector), 2 x USB 2,0 + 1 CAN/CVBS (M12-12 pin connector), input voltage 11-24V, IP65, operate temp -20°C to 60°C.
Shipped with: 8 pin power cable.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Intel Jasperlake N5100	Windows 10 / Linux	HD 800X1280 700 nits	N/A	Optional NXP300	4G LTE, Wifi a/b/g/n/ac Bluetooth 5.0, GPS	IP65 / 1.2m MIL STD 810G	830g

Possibility of having an optional internal battery to maintain the charge in the event of micro cuts.

Many application range

RT4500

3 Go RAM, 32 Go FlashROM. Rear camera 8 Mpx autofocus Capacitive multi-touch display. Gorilla Glass, micro SD, SIM, USB-C. Accelerometer. Brightness sensor. 235x80x36mm. Operating from -20°C to 50°C.
Shipped with: 6000 mA 3,7V Lithium ION polymer battery pack, hand strap or gun, USB-C cable, power supply, bumper.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Mediatek MT6750T Cortex A53 Octo Core 1,5 GHz	Android 9 GMS	480x800 350 Nits	1D/2D imager 2D Long range	HF 13,56MHz (NFC)	4G LTE, Wifi a/b/g/n/ ac, Bluetooth 4.1, AGPS	IP67 / 1.8m MIL STD 810G	460g - 625g

Removable battery, very rugged, built-in hand strap or gun, 2D long range barcode scanner, USB-C slot, variable type of keyboard.

Destock dock	4 slots batteries charger	6000 mA Battery	Hand strap	Power adapter
AT-CART450001	AT-CART450005	AT-CART450003	AT-CART450004	AT-CART450002

RT55

4 GB RAM, 64 GB FlashROM, 5100 mA Lithium ION polymer battery. Rear camera 13 Mpx autofocus and flash and front camera 8 Mpx. Capacitive multi-touch display. Gorilla Glass, micro SD, 1 slot SIM, USB-C client. Accelerometer. Brightness sensor. 175x83x20.5mm. Operating from -20°C to 50°C.
Shipped with: 5100 mA 3,7V battery, hand strap, USB-C cable, power supply, bumper.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
MT6750T Cortex A53 Octo Core 1,5 GHz	Android 9 GMS	Full HD 1080 x 1920 400 Nits	1D/2D imager	HF 13,56MHz (NFC)	4G LTE, Wifi a/b/g/n/ ac, Bluetooth 4.1, AGPS	IP67 / 1.5m MIL STD 810G	335g

Removable battery, very rugged, integrated hand strap, Full HD display, USB-C.

snap on RS232	Destock dock	4 slots batteries charger	5100mA Battery	Hand strap	Power adapter	Bumper
AT-CART5510	AT-CART5501	AT-CART5505	AT-CART5502	AT-CART5503	AT-CART5507	AT-CART5506

For industrial use

RT80

4 GB RAM, 128 GB SSD MLC. Rear camera 8 Mpx autofocus and front camera 2 Mpx. G-sensor. Brightness sensor. NFC. USB 2.0, USB 3.0, audio jack, micro HDMI, micro SD, SIM. 160 mA 3,7V internal battery. 232.6x150x22mm. Operating from -10°C to 50°C.
Shipped with: 11850 mA 3,8V hot-swappable battery pack, hand strap, carrying handle, stylus and stylus attachment, screen protection, power supply.

RT80A

Device	Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
RT80	Intel Atom Cherrytrail-T Z8550 2,4GHz Quad Core	Windows 10	1280 x 800 370 Nits	1D/2D imager	HF 13,56MHz (NFC)	4GLTE, Wifi a/b/g/n/ac, Bluetooth 4.1, GPS	IP65 / 1.5m MIL STD 810G	910g
RT80A	Rockchip RK3399 2GHz Hexa Core	Android 9 GMS	1280 x 800 470 Nits	1D/2D imager	HF 13,56MHz (NFC)	4GLTE, Wifi a/b/g/n/ac, Bluetooth 4.2, GPS	IP65 / 1.5m MIL STD 810G	910g

Android or Windows platform, hot-swappable battery, industrial accessories, extended connectivity, very rugged.

Desktop dock
AT-CART12201
AT-CART8001B

Vehicle dock
AT-CART12202
AT-CART101B01
AT-CART8002B

Battery
AT-CART12204
AT-CART10102
AT-CART8004

4 slots batteries charger
AT-CART12210
AT-CART8010

Harness carrying case
AT-CART12205
AT-CART10105
AT-CART8017

Carrying handle
AT-CART12206
AT-CART8007

Hand strap
AT-CART12205
AT-CART10103
AT-CART8006

Shoulder strap
AT-CAE1207

Cigar lighter charger
AT-CART8012

Capacitive stylus
AT-CART8009

Active stylus RT122
AT-CART12207

SNAP-ON
AT-CART8005

VESA plate
AT-CART8016

RT110

8GbRAM /128GbSSD. GPS, 4GLTE, NFC. 10,1''. Screen full HD 1920x1200 px tactile capacitive, 700 nits, Wifi 802.11 a/b/g/n/ac, Bluetooth Rev 4.2. APN 8 Mpx autofocus at the back and 2 Mpx at the front. G-sensor. Light sensor. USB 3.0 & USB type C, audio jack, RJ45 Ethernet, mini HDMI, micro SD. Hot-swappable battery 5000 mA 7,4V, internal battery 860mA 7,4V, IP65, 1,2m drop.
Shipped with: battery 5000 mA 7,6V, hand strap, carry handle, Power supply , screen protector

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Intel Jasperlake N5105 and Core i5 1235U	Windows 10	1920 x 1200 700 Nits	1D/2D imager	HF 13,56MHz (NFC)	4GLTE, Wifi a/b/g/n/ac, Bluetooth 4.2, GPS	IP65 / 1.2m MIL STD 810G	1140g

RT120

8GbRAM/128GbSSD, GPS, 4GLTE, NFC 12,2''. Screen full HD 1920x1200 tactile capacitive, 650 nits, Wifi 802.11 a/b/g/n/ac, Bluetooth Rev 4.2. Camera 8 Mpixels autofocus at the back and 2 Mpixels at the front, G sensor, light sensor, USB 3.0 & USB type C, audio jack, mini HDMI, micro SD, RJ45 ethernet, hot-swappable battery 6300 mA 7,4V, internal battery 860mA 7,4V, IP65, 1.2m drops.
Shipped with: battery 6300 mA 7,4V, hand strap, carry handle, power supply, screen protector.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
Intel Jasperlake N5105, Core I5 1235U and Core i7 8550U	Windows 10	1920 x 1200 680 Nits	1D/2D imager	HF 13,56MHz (NFC)	4GLTE, Wifi a/b/g/n/ac, Bluetooth 4.2, GPS	IP65 / 1.2m MIL STD 810G	1955g

Hot-swappable battery, industrial accessories, extended connectivity, very rugged, high performance version with iCore 5 processor.

Hand strap
AT-CART12006

Shoulder strap
AT-CAE1207

Cigar lighter charger
AT-CART12212

Harness strap
AT-CAE1207B

Power adapter
AT-CAE12002

Vehicle dock
AT-CART12005

Desktop dock
AT-CART12001

RT14

14" Screen full HD 1920 x 1080 700 nits, TPM 2,0, High-Speed Wifi 6, Bluetooth Rev 4.2. GPS.
Front camera 2 Mpixels, Fingerprint, light sensor, USB 2,0 Type-A x 1, USB 3.0 Type-A x3, SIM Card x 1,
audio jack, RJ45 Ethernet x2, HDMI x 1, SD card x 1, RS232 DB9 x 1, 5PIN Pogo Pin x1, hot-swappable
battery 6300 mA 7,4V, internal battery 1750mA 7,4V, IP65, 1.2m drops.
Shipped with: battery 6300 mA 7,6V, AZERTY or QWERTY keyboard, power supply.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
iCore5 1135G7	Windows 10 or 11	HD 1080X1920 700 nits	No	NXP300 (Optional)	BT 5.1, Wi-Fi 6 802.11a,b,d,e,g,h,i, k,n,r,u,v,w,ac,ax 4GLTE (Optional)	IP65 / 1.2m MIL STD 810G	2850g

Possibility of having a touch screen and upgrade to 512 GB of SSD.

RT15

15.6" Screen full HD 1920 x 1080 700 nits, TPM 2,0, High-Speed Wifi 6, Bluetooth Rev 5.1. GPS. Front
camera 2 Mpixels, Fingerprint, light sensor, USB 2,0 Type-A x 1, USB 3.0 Type-A x 3, SIM Card x 1, audio
jack, RJ45 Ethernet x2, HDMI x 1, SD card x 1, RS232 DB9 x 1, 5PIN Pogo Pin x1, hot-swappable battery
6300 mA 7,4V, internal battery 1750mA 7,4V, IP65, 1.2m drops.
Shipped with: battery 6300 mA 7,6V, AZERTY or QWERTY keyboard, power supply.

Processor	OS	Display	Barcode Reader	RFID Reader	Communication	IP rating / Drops	Weight
iCore5 1135G7	Windows 10 or 11	HD 1080X1920 700 nits	No	NXP300 (Optional)	BT 5.1, Wi-Fi 6 802.11a,b,d,e,g,h,i, k,n,r,u,v,w,ac,ax 4GLTE (Optional)	IP65 / 1.2m MIL STD 810G	3300g

Possibility to upgrade to 512 GB of SSD.

For industrial use

EID10

Hexa Core CPU Rockchip 1,8 GHz, 4 GB RAM and 32 GB Flash. Rear camera 13 Mpx flash and autofocus. 147x78x21mm. Operating from -20°C to +60°C.
Shipped with: 2860 mA battery pack, 1 desktop cradle with power supply and a USB cable, 2 stylus with a stylus attachment and a screen protection.

Processor	OS	Display	Keys	Scanners	Communication	IP rating / Drops	Weight
Hexa Core CPU Rockchip 1,8 GHz	Android 8.1 GMS	4,3'' WVGA 500 Nits	5 front and 5 side keys	1D/2D reader, 13.56 MHz NFC RFID reader, fingerprint, OCR, MRZ, smart card reader, MSR, facial recognition	4G LTE, Wifi a/b/g/n/ac, Bluetooth 4.2 LE, A-GPS	IP64 / 1.5m	495g

RP70A BIO

Android. 4 GB RAM, 32 GB SSD. Rear camera 13 Mpx autofocus and flash and front camera 2 Mpx. G-sensor. Brightness sensor. USB 3.0, audio jack, micro SD, micro SIM. 200mA internal battery. 213mm(H)x195.3mm(W)x30.55mm/20.95mm(D). Operating from -20°C to 60°C.
Shipped with: 5600mA 3,7V hot-swappable battery pack, hand strap, USB cable, power supply

Processor	OS	Display	Keys	Scanners	Communication	IP rating / Drops	Weight
Hexa Core CPU Rockchip 1,8 GHz	Android 8.1 GMS	1280 x 800 Dual mode 700 Nits	5 front and 5 side keys	1D/2D reader, NFC reader, fingerprint, OCR, MRZ, MSR, smart card reader, facial and iris recognition	4GLTE, Wifi a/b/g/n/ac, Bluetooth 4.2, GPS	IP64 / 1,2m MIL STD 810G	850g

Very compact, all-in-one product with OCR/MRZ reader, MSR reader, fingerprint reader, smart card reader, facial recognition, NFC, 1D/2D reader.

FRDT10

Linux, Dual Processor 1Go RAM, 16Go Flash, Display 8' ' 1080x 1920, 400 nits, Temp Sensor, Image Sensor, TF card Storage, 1 RJ45 10/100, 1 WIEGAND input/output, IP65.
Shipped with: 1 strobe siren, 1 relay, power adaptor.

OS	Display	IP rating / Drops	Weight
Linux	1280 x 800 Dual mode 700 Nits	IP65	850g

Access control, sanitary control, people identification.

Software tools

Depending on the product and operating system you selected, you can have access to software tools that make it easier to use, deploy, and remotely monitor the device.

Kiosk mode

This software is mainly designed to lock the system. Users limited access to device features within the scope of their software application.

Auto Setup

This feature allows applications to be installed and configured automatically and to be repeated on several terminals in an efficient way.
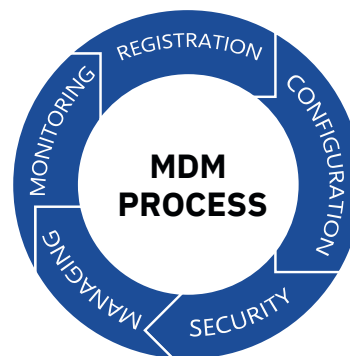
Auto Test

This integrated software tool is quite interesting for the first level of diagnostic. It allows testing one by one the hardware functionalities and to check if each function is working properly (Wi-Fi, barcodes, RFID, Display, Sensor...)

Barcode reader emulator

This software tool retrieves, in the active input area, the read and decoded barcode. It runs as background service after launch.

RFID reader emulator

This software tool retrieves, in the active input area, the read RFID tag code. It runs as background service after launch.

Software development toolkit (SDK)

Athesi provides a software development kit which gives to developers the possibility to manage directly some features like barcode scanner, RFID reader, smart card or magnetic card reader, 3D camera for the optimization and the customization of the software.

Mobile Device Management (MDM)

Athesi regularly gets its devices approved by various editors according to customer demand and requirements. MDMs are powerful and complete tools for remote administration and device monitoring.
Athesi clients use different MDMs on the market such as Springdel, SOTI, Telelogos, TinyMDM, Microsoft, ...

Terminal Emulation software

To better and easily use Athesi devices in specific environment, it is possible to use a terminal like an emulator TNVT for example. For information, Athesi hardware is approved to work with IVANTI's Velocity emulators.

At a glance

Device	Display	Nits	Android	Windows	Removable battery	1D/2D Scanner	RFID NFC	4G LTE	GSM Voice	Fingerprint reader	Smart card reader	Drop (m)	IP	Weight (g)	Desktop dock	Vehicule dock
E40	4.0	300	11 GMS	—	X	O	—	X	—	—	—	1.2	65	250	—	—
E43	4.3	400	9 GMS	—	X	O	—	X	—	—	—	1.2	66	270	—	—
EID10	4.3	500	8.1 GMS	—	X	O	—	X	X	O	O	1.5	64	495	—	X
RT4500	4.5	350	9 GMS	—	X	X	—	X	—	—	—	1.8	67	460 625	X	—
E5SL	5	300	9 GMS	—	—	X	O	X	X	—	—	1.2	65	225	X	—
E5L	5	350	11 GMS	—	X	O	HF (NFC)	X	X	—	—	1.2	65	270	X	—
RT55	5.5	400	9 GMS	—	X	O	HF (NFC)	X	X	—	—	1.5	67	335	X	—
AP5702	5.7	400	11 GMS	—	—	—	X	X	X	—	—	1.5	68 & 69K	265	—	—
AP5706	5.7	400	11 GMS	—	—	—	X	X	X	X	—	1.5	68 & 69K	325	—	—
AP5705S	5.7	540	10 AER - GMS	—	—	—	X	X	X	X	—	1.5	68	275	x	—
AP5801	5.8	549	9 GMS	—	—	X	X	X	X	X	—	1.5	68	283	—	—
E6A	6	300	10 GMS	—	X	O	HF (NFC)	X	X	—	—	1.2	65	380	X	—
E6C	6	430	—	10	X	O	HF (NFC)	X	—	—	—	1.2	65	380	X	—
RP70ABIO	7	700	8.1 GMS	—	X hot swap	O	HF (NFC)	O	—	O	O	1.2	64	850	X	X
E8B	8	400	—	10	—	O	HF (NFC)	X	—	—	—	1.2	67	710	X	X
E8T	8	700	10 GMS	—	—	O	HF (NFC)	X	X	—	—	1.2	67	710	X	X
RT80	8	370	—	10	X hot swap	O	HF (NFC)	O	—	O	—	1.5	65	910	X	X
RT80A	8	470	9 GMS	—	X hot swap	O	HF (NFC)	O	—	O	—	1.5	65	910	X	X
AP8001TL	8	450	10	—	—	X	X	X	X	—	—	1.2	67	650	—	—
AP8001CL	8	450	—	10	—	X	X	X	—	—	—	1.2	67	650	—	—
EVM8	8	700	—	10	—	—	O	X	—	—	—	1.2	65	620	—	—
EVM10	10	700	—	10	—	—	O	X	—	—	—	1.2	65	830	—	—
E10B	10.1	400	—	10	—	O	HF (NFC)	X	—	—	—	1.2	65	1210	X	X
E10T	10.1	700	10 GMS	—	X	O	HF (NFC)	X	X	—	—	1.2	65	1210	X	X
E10BC	10.1	400	—	10	X	O	HF (NFC)	X	—	—	—	1.2	65	1210	X	X
RT110	10.1	700	—	10	X hot swap	O	HF (NFC)	X	—	O	—	1.2	65	1140	X	X
AP1001TL	10.1	400	10	—	—	X	X	X	X	—	—	1.2	65	920	—	—
AP1001CL	10.1	450	—	10	—	X	X	X	—	—	—	1.2	65	920	—	—
AP1002TL	10.1	400	11	—	X	X	X	X	X	—	—	1.2	65	650	X	—
E12T	12.2	300	10 GMS	—	X	O	HF (NFC)	X	—	—	—	1.2	65	1480	X	X
RT120	12.2	680	—	10	X hot swap	O	HF (NFC)	X	—	O	—	1.2	65	1955	X	X
RT14	14	700	—	11 / 10	X hot swap	—	O	O	—	X	—	1.2	65	2850	X	—
RT15	15.6	700	—	11 / 10	X hot swap	—	O	O	—	X	—	1.2	65	3300	X	—

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Smartphones & Tablets

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