



JLT6012

12" vehicle-mount computer

Maximum productivity for logistics applications

Need a future-proof system that's as user-friendly as it is smart? Meet the JLT6012™ computer. We created an innovative architecture that makes it easy to integrate new technology, giving you the flexibility to adapt to changing needs and keep up-to-date with developments.

Productivity has been the number-one priority in every step of our development of the JLT6012 computer. That takes everything into account; from outstanding user acceptance to the highest reliability. This computer runs both Windows™ and Android™ operating systems and can be installed in virtually any vehicle, electrical or combustion powered, without the need for external adapters. State-of-the-art wireless technology ensures reliable connectivity in less than optimal conditions. The intuitive touchscreen is simple to use, even when wearing gloves. The screen is virtually unbreakable, overcoming the most common failure point for rugged computers. With the JLT6012 onboard, you're ready for the future of logistics – whatever it brings.



KEY FEATURES

- Runs both Android and Windows operating system
- 12" capacitive touch with JLT PowerTouch™
- Intel® E3845 processor
- IP65 waterproof and dustproof
- Virtually unbreakable JLT PowerTouch™ display
- Dual-diversity IFA WLAN antennas
- Easily accessible programmable function buttons
- Integrated wide-range 9-60 VDC isolated power supply

HIGHLIGHTS



Installation in almost any vehicle without adapters

Integrated wide-range 9-60 VDC isolated power supply enables installation in most vehicle types without external adapters



Data input made easy

Two keyboard options are available – customizable on-screen versions or external standard keyboards



Virtually unbreakable display

JLT PowerTouch™ display technology has outstanding resistance to wear and tear

JLT6012

12" vehicle-mount computer

BASE UNIT

Processor

Intel® E3845

Memory

4GB On-board

Display

12.1" XGA LED 1000 NIT

12.1" XGA LED 500 NIT

Capacitive touch screen with JLT PowerTouch™ technology and hardened glass

Light sensors for adjustable auto-dimming

STORAGE

SATA

M.2 32GB, 64GB, 128GB, 256GB

RF OPTIONS

Radio

Dualband WLAN 802.11 ac, 802.11 a/b/g/n

Bluetooth v4.2 + BLE

RFID for login

Antennas

WLAN dual diversity antennas (IFA)

User configurable external or internal WLAN and Bluetooth antennas

INTERFACES

Ports

1x USB 3.0

3x USB 2.0

1x Ethernet 10/100/1000

1x RS232 with customer configurable 5V or 12V

I/O Port

Speakers

Encapsulated audio exciters

HD audio

Buttons

6x Capacitive touch buttons

Power

LED dimming +/-

3x Configurable

LED indicators

Power status

Disc activity and Wi-Fi connection

SECURITY

TPM module

POWER SUPPLY

Input

9-60 VDC isolated

UPS

Internal battery for graceful shut down at unexpected power outages

Power consumption

20 W* (max 40 W, stand by/off mode 0.4 W)

OPERATING SYSTEMS

Windows

Windows 10 IoT LTSC

Android

Android 8.1 Oreo

PHYSICAL CHARACTERISTICS

Dimensions

292mm (w) x 231mm (h) x 50mm (d)

11.5 inch (w) x 9.1 inch (h) x 2 inch (d)

Weight

2.85 kg, 6.45 LB

ENVIRONMENT

Operating temperatures

-30° C to 55° C / -22° F to 131° F

Storage temperatures

-35° C to 75° C / -31° F to 167° F

Humidity

10–95% RH

Dust and water

IP65 - IEC 60529:2001

Vibration

5–500 Hz/0,04 m/s² XYZ - IEC 60068-2-64 Fh

Shock

30g for 11ms XYZ - IEC 60068-2-27

MIL-SPEC

810G in applicable areas

*Windows running in idle with full screen brightness (STD bright)



JLT1014P

10" vehicle-mount computer

Reliable performer that fits anywhere

The JLT1014P gives you the main features of the JLT1214P – one of the most reliable workhorses for the logistics industry – but in the industry's most compact form factor, making it the perfect choice for installation in tight spaces

The JLT1014P is designed from the ground up for the challenges of logistics applications. It packs the latest technology for maximum reliability and trouble-free operation in tough environments. Combining true ruggedness with outstanding convenience, it's ideal for forklifts or other logistics vehicles.

Featuring an Intel® Quad Core E3845 processor and an optional sunlight-readable XGA display, the JLT1014P computer is ready for anything. High-sensitivity PIFA antennas for Wi-Fi and Bluetooth ensure reliable wireless communication over long distances in challenging environments.



KEY FEATURES

- Smallest footprint on the market, ideal for installation in tight spaces
- 10.4" standard or sunlight-readable display
- Virtually unbreakable JLT PowerTouch™ display technology for durability
- Built-in PIFA WLAN antennas, custom-designed for reliable Wi-Fi in environments with poor coverage
- Optional WWAN (4G)
- Pressure equalization membrane and operating temperature range from -30 °C to +55 °C

HIGHLIGHTS



Industry's smallest form factor

The perfect choice for installation in tight spaces



Outstanding value for warehousing and logistics

Smart design makes the JLT1014P a cost-effective option



Maximized uptime

Complete peace of mind with JLT:Care: the no-questions-asked service agreement from JLT

JLT1014P

10" vehicle-mount computer

BASE UNIT

Processor

Intel® E3845

Memory

4GB DDR3

Display

10.4" XGA LED 400NIT

10.4" XGA LED 800NIT

Capacitive touch screen with JLT PowerTouch™ technology and hardened glass

STORAGE

SATA

CFast 16GB, 32GB, 64GB, 128GB, 256GB

RF OPTIONS

Radio

Dual-band WLAN 802.11 ac, MU-MIMO supported

Bluetooth v4.2

4G (LTE) up to 150 Mbps download speed (optional)

GPS

A-GPS/GLONASS/BEIDOU (optional)

Antennas

WLAN dual-diversity antennas (PIFA)

External SMA connectors for 4G and GPS

Optional external WLAN and Bluetooth antennas

INTERFACES

Ports

4x USB 2.0

1x Ethernet 10/100/1000

1x RS232 with 5V supply

Speakers

Waterproof stereo speakers

HD audio

Buttons

Power

LED dimming +/-

POWER SUPPLY

Input

9-36 VDC unisolated

UPS

Internal battery to avoid sudden shutdown at unexpected power outages

OPERATING SYSTEMS

Windows

Windows 10 IoT LTSC

Windows Embedded Standard 7

Windows 7

PHYSICAL CHARACTERISTICS

Dimensions

251 mm (w) x 218 mm (h) x 46 mm (d)

9.88 inches (w) x 8.58 inches (h) x 1.81 inches (d)

Weight

2.2kg, 4.0 lb.

ENVIRONMENT

Operating temp.

-30° C to 55° C / -22° F to 131° F

Storage temp.

-35° C to 75° C / -31° F to 167° F

Humidity

10–95% RH

Dust and water

IP65 - IEC 60529:2001

Vibration

5–500 Hz/0,04 m/s² XYZ - IEC 60068-2-64 Fh

Shock

30 g for 11 ms XYZ - IEC 60068-2-27

MIL-SPEC

810G in applicable areas



JLT1214P and JLT1214N

12" vehicle-mount computers

Proven performance and reliability

If you're looking for a reliable workhorse that has been proven in thousands of customer applications around the world, take a look at the JLT1214 family of fixed-mount logistics computers. They deliver proven reliability and value for a wide range of logistics vehicle types.

The JLT1214P and JLT1214N models incorporate the latest processor technology and the features required for a fast, trouble-free and cost-effective installation. Both can be supplied with an integrated, isolated 18-60 VDC power supply for electrical forklift installations or a non-isolated 9-36 VDC power supply for combustion-powered vehicles.

These models have all essential features for a simple, quick, and cost-effective installation. They are highly reliable without additional add-ons and cables.



KEY FEATURES

- Windows operating system
- 12" XGA LED display with the smallest footprint in its class
- Intel® E3845 processor
- IP65 waterproof and dustproof
- Virtually unbreakable JLT PowerTouch™ display on JLT1214P
- Optional heated display for extreme temperatures on JLT1214N
- Dual-diversity PIFA WLAN antennas
- Integrated DC/DC with UPS battery solution

HIGHLIGHTS



Consistent performance even with unstable voltage

With integrated DC/DC with UPS-battery, the JLT1214 computers ensure consistent performance even with unstable voltage



Maximized uptime

Complete peace of mind with JLT:Care, the no-questions-asked service agreement from JLT



Outstanding value for warehousing and logistics

Smart design with everything built in makes the JLT1214 computers a cost-effective option for logistics applications

JLT1214P and JLT1214N

12" vehicle-mount computers

BASE UNIT

Processor

Intel® E3845

Memory

4GB DDR3

Display

12.1" XGA LED 500 NIT

JLT1214P

Capacitive touch screen with JLT PowerTouch™ technology and hardened glass

JLT1214N

Resistive 4-wire touch screen

STORAGE

SATA

CFast 16GB, 32GB, 64GB, 128GB

RF OPTIONS

Radio

Dualband WLAN 802.11 ac, MU-MIMO supported

Bluetooth v4.2

4G (LTE) up to 100 Mbps download speed (optional)

GPS

A-GPS/GLONASS/BEIDOU (optional)

Antennas

WLAN dual diversity antennas (PIFA)

User configurable external or internal WLAN and Bluetooth antennas

INTERFACES

Ports

4x USB 2.0

1x Ethernet 10/100/1000

1x RS232 with 5V

Speakers

Waterproof stereo speakers

HD audio

Buttons

Power

LED dimming +/-

POWER SUPPLY

Input

18-60 VDC isolated

9-36 VDC unisolated

UPS

Internal battery for graceful shut down at unexpected power outages

OPERATING SYSTEMS

Windows

Windows 10 IoT

Windows Embedded Standard 7

Windows 7

PHYSICAL CHARACTERISTICS

Dimensions

305mm (w) x 240mm (h) x 59mm (d)

12 inch (w) x 9.4 inch (h) x 2.3 inch (d)

Weight

3.5 kg, 7.7 LB

ENVIRONMENT

Operating temp.

-30° C to 55° C / -22° F to 131° F

Storage temp.

-35° C to 75° C / -31° F to 167° F

Humidity

10–95% RH

Connector Sealing

Roxtec sealing cable protection (optional)

Dust and water

IP65 - IEC 60529:2001

Vibration

5–500 Hz/0,04 m/s² XYZ - IEC 60068-2-64 Fh

Shock

30g for 11ms XYZ - IEC 60068-2-27

MIL-SPEC

810G in applicable areas



VM3010A

10" vehicle-mount Android computer

Android VMT for Warehouse Applications

The VM3010A is an Android-based rugged vehicle-mounted computer that features a high-performance Qualcomm® Snapdragon™ 660 Octa-core CPU. The computer showcases enterprise mobility in a vehicle-mount computer form factor thanks to its rich I/O ports and versatile wireless connectivity options. The unit provides extra flexibility with the design of the dock including a one-click top latch that allows for easy removal of the device.

Engineered to fit seamlessly into forklifts and other warehouse vehicles with its wide range of power input and power isolation, the VM3010A computer helps minimize errors, streamline inventory management and improve operational efficiencies.



KEY FEATURES

- Qualcomm® Snapdragon™ 660 Octa-core CPU
- 10.4" 1024 x 768 Panel with PCAP touchscreen
- Magnesium alloy housing
- Built-in Wi-Fi and Bluetooth 5.0
- IP65 waterproof and dustproof
- Wide range -30°C to 50°C operating temperature

HIGHLIGHTS



Android running on Qualcomm Snapdragon RISC processor

The choice for running Android-based applications in the warehouse



Flexible dock with a one-click top latch

Enables quick and easy mount or removal for service or removal at end of a work shift



Maximized uptime

Complete peace of mind with JLT:Care: the no-questions-asked service agreement from JLT

VM3010A

10" vehicle-mount Android computer

BASE UNIT

Processor

Qualcomm® Snapdragon™ 660 Octa-core CPU

Memory

3GB LPDDR4

Display

10.4" (4:3) 1024 x 768 LED 400NIT (800NIT Optional)

Contrast Ratio 1200:1, Viewing Angle 88/88/88/88

Projected capacitive 10-point multi-touch, stylus support

Light sensors for adjustable auto-dimming

STORAGE

Boot Media

32GB eMMC, Additional storage with Micro SD card slot

RF OPTIONS

Radio

WLAN 802.11 a/b/g/n/ac

Bluetooth v5.0

4G (LTE) (optional)

GPS

GPS on docking

INTERFACES

Computer

1 x Dual-Nano SIM Card Slot

1 x Micro SD Card Slot

1 x USB 3.0 Type C (OTG)

1 x 12V DC in power input jack

Dock

2 x RS232 with 5V

2 x USB 2.0 Port in 1 DB9 Connector

1 x CANBus or 1 x Audio 2

1 x Gigabit Ethernet

1 x Power

5 x SMA Connectors (female) for external antennas (WLAN, GPS, WWAN)

Audio

2 x 3W speakers on docking

Camera (front)

2MP webcam, reading light

Buttons

1 x power

6 x function keys (programmable)

LED indicators

Wi-Fi, Bluetooth, UPS battery, HDD, Screen Blanking, Heater

SECURITY

Mobile Device Management

SOTI Mobicontrol compatible

POWER SUPPLY

Input

10-60 VDC isolated

Ignition control

UPS

7.6V Battery (2S1P) to avoid sudden shutdown at unexpected power outages

OPERATING SYSTEMS

Android

Android 9.0

PHYSICAL CHARACTERISTICS

Dimensions computer

268 mm (w) x 214 mm (h) x 35 mm (d)

10.6 inches (w) x 8.42 inches (h) x 1.37 inches (d)

Dimensions dock

202 mm (w) x 245 mm (h) x 52 mm (d)

7.9 inches (w) x 9.6 inches (h) x 2.04 inches (d)

Weight computer

1.7 kg, 3.75 lb Dock: 1.6 kg, 3.53 lb

ENVIRONMENT

Operating temp.

AC mode: -30°C to 50°C / -22°F to 122°F

Battery mode: -10°C to 50°C / 14°F to 122°F

Storage temp.

-30°C to 60°C / -22° to 140°F

Humidity

5% to 90% RH, non-condensing

Dust and water

IP65 certified

Vibration

MIL-STD-810G Method 514.6 Procedure I

Shock

MIL-STD-810G Method 516.6 Procedure I

Impact

Support EN62262 IK70 rating

ESD

Compliant with EN 61000-4-2, enhanced ESD to ±8kV direct & ±15kV air



VERSO+ 10

10" vehicle-mount computer

Tough, compact and flexible

Space can be a challenge in industrial vehicles. That's why we designed the VERSO™+ 10 to fit virtually anywhere. It is the smallest rugged vehicle terminal in its class, giving you high performance regardless of space limitations.

Need the flexibility to quickly mount and remove? No problem. The QuickLock feature on the VERSO+ 10 computer makes it easy to switch the unit between vehicles or remove it at the end of a shift to prevent theft.

The scratch-resistant touchscreen with JLT PowerTouch™ display technology provides the best durability and user experience, while its flush front is simple to keep clean.

With an Intel® Core™ i3 or i7 processor and a 64-bit operating system, 8GB DDR3 RAM, the VERSO+ 10 is ready for the most demanding applications, such as HD video streaming, GEO calculations, and real-time data processing. To ensure reliable wireless communication over long distances in challenging environments, it features built-in highly sensitive PIFA antennas for Wi-Fi and Bluetooth.



KEY FEATURES

- High-performance processor for demanding applications
- Market's smallest 10" screen computer – ideal for tight spaces
- Quick-mount feature simplifies installation, service and switching unit between vehicles
- 10.4" sunlight-readable display with scratch resistant touch screen for long durability
- Built-in PIFA WLAN antennas, custom-made for reliable Wi-Fi environments with poor coverage

HIGHLIGHTS



Industry's smallest form factor

In the industry's smallest rugged form factor, VERSO+ 10 is the perfect choice for installation in tight spaces



Undockable design

The QuickLock feature enables quick and easy mount or removal so the unit can be switched between vehicles or removed at end of the day



Maximized uptime

Complete peace of mind with JLT:Care, the no-questions-asked service agreement from JLT

VERSO+ 10

10" vehicle-mount computer

BASE UNIT

Processor

Intel® Core™ i3-7100U
Intel® Core™ i7-7600U
Intel® E3845

Memory

8GB DDR3 (Core™ i3 or i7)
4GB DDR3 (E3845)

Display

10.4" XGA LED 800NIT
10.4" XGA LED 400NIT
Capacitive touch screen with JLT PowerTouch™ technology and hardened glass

STORAGE

SATA

CFast 32GB, 64GB, 128GB, 256GB

RF OPTIONS

Radio

Dualband WLAN 802.11 ac, MU-MIMO supported
Bluetooth v4.2
4G (LTE) up to 100 Mbps download speed (optional)

GPS

A-GPS/GLONASS/BEIDOU in dock (optional)

Antennas

WLAN dual diversity antennas (PIFA)
External SMA connectors for 4G and GPS
User configurable external or internal WLAN and Bluetooth antennas

INTERFACES

Ports

4x USB 2.0
1x Ethernet 10/100/1000
1x RS232 with 5V

Speakers

Waterproof stereo speakers
HD audio

Buttons

Power
LED dimming +/-

SECURITY

TPM module (i3 or i7 only)

POWER SUPPLY

Input

9-36 VDC unisolated

UPS

Internal battery for graceful shut down at unexpected power outages

OPERATING SYSTEMS

Windows

Windows 10 IoT
Windows Embedded Standard 7 (E3845 only)
Windows 7 (E3845 only)

PHYSICAL CHARACTERISTICS

Dimensions

Logistics dock
251 mm (w) x 207 mm (h) x 48 mm (d) including dock
9.88 inch (w) x 8.15 inch (h) x 1.89 inch (d) including dock
Heavy duty dock
251 mm (w) x 207 mm (h) x 65 mm (d) including dock
9.88 inch (w) x 8.15 inch (h) x 2.56 inch (d) including dock

Weight

2.7kg, 4.96 LB

Installation

QuickLock, flexible mount/dismount

ENVIRONMENT

Operating temp.

-30° C to 55° C / -22° F to 131° F

Storage temp.

-35° C to 75° C / -31° F to 167° F

Humidity

10–95% RH

Vibration

5–500 Hz/0,04 m/s² XYZ – IEC 60068-2-64 Fh

Shock

30g for 11ms XYZ - IEC 60068-2-27

MIL-SPEC

810G in applicable areas



VERSO 10

10" vehicle-mount computer

High performance with a low profile

The VERSO 10 fixed-mount rugged computer gives you outstanding performance in the industry's smallest rugged form factor. Need to install in a tight space? No problem – VERSO 10 is the perfect choice. The virtually unbreakable touch-screen with JLT PowerTouch™ display technology gives a great user experience. The flush front helps to keep things clean.

Built for the challenge

The VERSO 10 is ready for the most demanding applications. So if you want to run HD video streaming, geo calculations, or real-time data processing, it's up to the task. With an Intel® Core™ i7 processor, or the optional i3 processor, 64-bit operating system, 8GB DDR4 RAM, and a sunlight-viewable XGA display, you're good to go whatever the task. To ensure reliable wireless communication over long distances, even in challenging environments, the VERSO 10 has highly sensitive built-in PIFA antennas for Wi-Fi and Bluetooth.

New Kaby Lake processors

The new Intel® Core™ i7 processor gives you the highest performance on the market. And if you don't need the most blistering speeds, the Intel® Core™ i3 combines excellent performance with lower power consumption at a very attractive price.



KEY FEATURES

- High-performance processor for demanding applications
- Smallest footprint on the market – ideal for installation in tight spaces
- 10.4" sunlight-readable display
- Virtually unbreakable JLT PowerTouch™ display technology for durability
- Built-in custom-made PIFA WLAN antennas for reliable Wi-Fi in environments with poor coverage
- Optional WWAN (4G)

HIGHLIGHTS



The industry's smallest form factor

VERSO 10 is the perfect choice when you're dealing with restricted space but need high performance.



Stable connection over wide areas

Integrated PIFA antennas give reliable connectivity over a wide area, including regions where coverage is poor.



Maximum uptime

Complete peace of mind with JLT:Care – the no-questions-asked service agreement.

VERSO 10

10" vehicle-mount computer

BASE UNIT

Processor

Intel® Core™ i3-7100U

Intel® Core™ i7-7600U

Memory

8GB DDR3 (max 32GB)

Display

10.4" XGA LED 800NIT

10.4" XGA LED 400NIT

Capacitive touch screen with JLT PowerTouch™ technology and hardened glass

STORAGE

SATA

CFast 32GB, 64GB, 128GB, 256GB

RF OPTIONS

Radio

Dual-band WLAN 802.11 ac, MU-MIMO supported

Bluetooth v4.2

4G (LTE) with up to 100 Mbps download speed (optional)

GPS

A-GPS/GLONASS/BEIDOU (optional)

Antennas

WLAN dual diversity antennas (PIFA)

External SMA connectors for 4G and GPS

User-configurable external or internal WLAN and Bluetooth antennas

INTERFACES

Ports

4x USB 2.0

1x Ethernet 10/100/1000

1x RS232 with 5V

Speakers

Waterproof stereo speakers

HD audio

Buttons

Power

LED dimming +/-

SECURITY

TPM module

POWER SUPPLY

Input

9-36 VDC non-isolated

UPS

Internal battery for graceful shut down at unexpected power outages

OPERATING SYSTEM

Windows

Windows 10 IoT LTSC

PHYSICAL CHARACTERISTICS

Dimensions

251 mm (w) x 218 mm (h) x 46 mm (d)

9.88 inches (w) x 8.58 inches (h) x 1.81 inches (d)

Weight

2.2 kg, 4.0 lb

ENVIRONMENT

Operating temp.

-30° C to 55° C / -22° F to 131° F

Storage temp.

-35° C to 75° C / -31° F to 167° F

Humidity

10–95% RH

Vibration

5–500 Hz/0.04 m/s² XYZ – IEC 60068-2-64 Fh

Shock

30 g for 11 ms XYZ - IEC 60068-2-27

MIL-SPEC

810G in applicable areas

VERSO 12

12" vehicle-mount computer

Highest performance in the harshest environments

The VERSO™ 12 is a high-performance computer specifically developed for use in the harshest conditions and for business-critical functions where performance and reliability are of utmost importance. The VERSO 12 is built on the successful JLT computer platform that has been the base for many delivered computers of various configurations.

With an Intel® Core™ i3 or i7 processor and a 64-bit operating system, the VERSO 12 computer is ready for the most demanding applications, such as HD video streaming, GEO calculations, and real-time data processing. It's also available with the Intel® E3845 processor.

The scratch-resistant touchscreen with JLT PowerTouch™ display technology provides the best durability and user experience, while its flush front is simple to keep clean. The VERSO 12 is also available with a resistive 4-wire touch screen.



KEY FEATURES

- High-performance processor options for demanding applications
- Virtually unbreakable 12" capacitive touch with JLT PowerTouch™
- Rugged design for outdoor and indoor usage
- Integrated backup battery for uninterrupted operation
- Sunlight readable display
- Optional integrated mobile broadband

HIGHLIGHTS



Highest performance

VERSO is our most powerful series. Featuring Intel® Core™ i3 or i7 processors, it is the fastest in the industry and runs the most demanding applications with ease



Stable connection over wide areas

Integrated PIFA antennas enables reliable connectivity even in areas with poor coverage and over wide areas



Maximized uptime

Complete peace of mind with JLT:Care, the no-questions-asked service agreement from JLT

VERSO 12

12" vehicle-mount computer

BASE UNIT

Processor

Intel® Core™ i3-7100U

Intel® Core™ i7-7600U

Intel® E3845

Memory

8GB DDR3 (Core™ i3 or i7)

4GB DDR3 (E3845)

Display

12.1" XGA LED 1000 NIT

12.1" XGA LED 500 NIT

Capacitive touch screen with JLT PowerTouch™ display technology and hardened glass or resistive 4-wire touch screen

STORAGE

SATA

CFAST 32GB, 64GB, 128GB, 256GB

RF OPTIONS

Radio

Dualband WLAN 802.11 ac, MU-MIMO supported

Bluetooth v4.2

4G (LTE) up to 100 Mbps download speed (optional)

GPS

A-GPS/GLONASS/BEIDOU (optional)

Antennas

WLAN dual diversity antennas (PIFA)

External SMA connectors for 4G and GPS

User configurable external or internal WLAN and Bluetooth antennas

INTERFACES

Ports

4x USB 2.0

1x Ethernet 10/100/1000

1x RS232 with 5V

Speakers

Waterproof stereo speakers

HD audio

Buttons

Power

LED dimming +/-

SECURITY

TPM module (i3 or i7 only)

POWER SUPPLY

Input

9-36 VDC unisolated

UPS

Internal battery for graceful shut down at unexpected power outages

OPERATING SYSTEMS

Windows

Windows 10 IoT

Windows Embedded Standard 7 (E3845 only)

Windows 7 (E3845 only)

PHYSICAL CHARACTERISTICS

Dimensions

305 mm (w) x 255 mm* (h) x 59 mm (d)

12 inch (w) x 10 inch* (h) x 2.3 inch (d)

*antenna domes incl.

Weight

3.5 kg, 7.7 LB

ENVIRONMENT

Operating temp.

-30° C to 55° C / -22° F to 131° F

Storage temp.

-35° C to 75° C / -31° F to 167° F

Humidity

10–95% RH

Connector Sealing

Roxtec sealing cable protection (optional)

Dust and water

IP66 - IEC 60529:2001 with Roxtec (IP65 without Roxtec)

Vibration

5–500 Hz/0,04 m/s² XYZ - IEC 60068-2-64 Fh

Shock

30g for 11ms XYZ - IEC 60068-2-27

MIL-SPEC

810G in applicable areas

VERSO 15

15" vehicle-mount computer

Highest performance in the harshest environments

The VERSO™ 15 is a high-performance computer specifically developed for use in the harshest conditions and for business-critical functions where performance and reliability are of utmost importance. The VERSO 15 is built on the successful JLT computer platform that has been the base for many delivered computers of various configurations.

With an Intel® Core™ i3 or i7 processor and a 64-bit operating system, the VERSO 15 computer is ready for the most demanding applications, such as HD video streaming, GEO calculations, and real-time data processing. It's also available with the Intel® E3845 processor.

The VERSO 15 is constructed from the bottom up for maximum reliability and long life in extreme environments, from the hottest to the coldest temperatures.



KEY FEATURES

- High-performance processor options for demanding applications
- Rugged design for outdoor and indoor usage
- Integrated backup battery for uninterrupted operation
- Sunlight readable display
- Optional integrated mobile broadband

HIGHLIGHTS



Highest performance

VERSO is our most powerful series. Featuring Intel® Core™ i3 or i7 processors, it is the fastest in the industry and runs the most demanding applications with ease



15" screen

Large 15-inch sunlight readable display with resistive touch for use with gloves and in wet conditions



Maximized uptime

Complete peace of mind with JLT:Care, the no-questions-asked service agreement from JLT

VERSO 15

15" vehicle-mount computer

BASE UNIT

Processor

Intel® Core™ i3-7100U

Intel® Core™ i7-7600U

Intel® E3845

Memory

8GB DDR3 (Core™ i3 or i7)

4GB DDR3 (E3845)

Display

15" XGA LED 800 NIT

15" XGA LED 500 NIT

Resistive 4-wire touch screen

STORAGE

SATA

CFast 32GB, 64GB, 128GB, 256GB

RF OPTIONS

Radio

Dualband WLAN 802.11 ac, MU-MIMO supported

Bluetooth v4.2

4G (LTE) up to 100 Mbps download speed (optional)

GPS

A-GPS/GLONASS/BEIDOU (optional)

Antennas

WLAN dual diversity antennas (PIFA)

External SMA connectors for 4G and GPS

User configurable external or internal WLAN and Bluetooth antennas

INTERFACES

Ports

4x USB 2.0

1x Ethernet 10/100/1000

1x RS232 with 5V

Speakers

Waterproof stereo speakers

HD audio

Buttons

Power

LED dimming +/-

SECURITY

TPM module (i3 or i7 only)

POWER SUPPLY

Input

9-36 VDC unisolated

UPS

Internal battery for graceful shut down at unexpected power outages

OPERATING SYSTEMS

Windows

Windows 10 IoT

Windows Embedded Standard 7 (E3845 only)

Windows 7 (E3845 only)

PHYSICAL CHARACTERISTICS

Dimensions

370 mm (w) x 305 mm* (h) x 67 mm (d)

14.6 inch (w) x 12 inch* (h) x 2.6 inch (d)

*antenna domes incl.

Weight

5.3 kg, 11.7 LB

ENVIRONMENT

Operating temp.

-30° C to 55° C / -22° F to 131° F

Storage temp.

-35° C to 75° C / -31° F to 167° F

Humidity

10–95% RH

Connector Sealing

Roxtec sealing cable protection (optional)

Dust and water

IP66 - IEC 60529:2001 with Roxtec (IP65 without Roxtec)

Vibration

5–500 Hz/0,04 m/s² XYZ - IEC 60068-2-64 Fh

Shock

30g for 11ms XYZ - IEC 60068-2-27

MIL-SPEC

810G in applicable areas



MT3007A

7" fully rugged tablet



Powerful and convenient with Android OS

The MT3007A™ is a fully rugged tablet with Android™ operating system that is also very portable, making it ideal for long days of field service in warehousing operations and other harsh environments. It is IP65 dust-proof and waterproof and works in temperatures of -20°C to 60°C / -4°F to 140°F (AC mode), -10°C to 50°C / 14°F to 122°F (Battery mode)

Thanks to its light weight and compact form factor, the MT3007A is ideal for a wide range of tasks in the field. The simple latch system and hot-swappable battery help to ensure continuous operation wherever you are. An optional 1D/2D barcode scanner enables advanced data collection indoors or outdoors.

KEY FEATURES

- Android 9.0 operating system
- 7" display with optical bonding for sunlight viewability
- Qualcomm® Snapdragon™ 660, Octa-core up to 2.2 GHz
- Fully rugged construction, IP65 waterproof and dust-proof
- Hot-swappable battery design
- Withstands a five-foot drop onto concrete
- Optional integrated 1D/2D barcode reader
- Supports NFC
- Rated for extreme temperature use

HIGHLIGHTS



Extended functionality

Get more out of your device with the right accessories



Maximized uptime

Total peace of mind with JLT:Care, the no-questions-asked service agreement from JLT



Perfect for work outside of the vehicle

A slim and compact format makes this tablet the perfect choice for remote work



MT3007A 7" fully rugged tablet

BASE UNIT

Processor

Qualcomm® Snapdragon™ 660, Octa-core up to 2.2 GHz

Memory

3GB RAM

Display

7" (1280 x 720) 650 NIT

Multi-touch projective capacitive touch

STORAGE

Boot Media

32GB eMMC

RF OPTIONS

Radio

WLAN 802.11 a/b/g/n

Bluetooth v5.0

WWAN - Optional 4G LTE

GPS

A-GPS/GLONASS

INTERFACES

Ports

1x Micro USB - C

1x Micro SD-Card Slot

1x SIM-Card Slot

1x Docking connector

1x Power jack

Audio

1x 1.2W Speaker

2x Built-in microphone

1x Earphone

Camera

Rear 13 MP with LED auxiliary light, auto focus Front 8 MP

Data Capture

1D/2D barcode reader (optional) and NFC reader

Buttons

1x Home

1x Menu

1x Power

1x Return

1x Trigger

1x Volume +/-

LED indicators

Power/Battery

SECURITY

Mobile Device Management

SOTI Mobicontrol compatible (available upon request)

SENSORS

Digital compass

Light sensor

G-sensor

POWER SUPPLY

Battery

3.7V, 5300 mAh Li-Poly removable battery

20 hours (depending on usage)

Adapter

100-240V/ 5V 3A Adapter

OPERATING SYSTEM

Android

9.0

PHYSICAL CHARACTERISTICS With standard battery

Dimensions

212.4mm (w) x 132.8mm (h) x 19mm (d)

8.36 inch (w) x 5.23 inch (h) x 0.75 inch (d)

Weight

0.55 kg, 1.2 LB

ENVIRONMENT

Operating temp

AC mode: 20°C to 60°C / -4°F to 140°F

Battery mode: -10°C to 50°C / 14°F to 122°F

Storage temp

-30°C to 70°C / -22°F to 158°F

Humidity

5% to 90% RH, non-condensing

Dust and water

IP65 certified

Vibration

MIL-STD-810G Method 514.6 Procedure I

Shock

MIL-STD-810G Method 516.6 Procedure I

Drop

MIL-STD-810G Method 516.6

(multiple 5-foot drops to concrete)



MT2010A

10" fully rugged tablet

Light and slim with Android OS

The MT2010A™ rugged tablet combines tough construction with a slim form factor and light weight. It runs Android™ operating system and can handle the applications you are already using on other handheld Android units.

Tired of dealing with the repair costs of consumer-grade tablets? This tablet can withstand a four-foot drop onto concrete. It is dustproof and waterproof to IP65 standard and has an operating temperature range of -20 to +50°C / -4 to +122°F. The 10.1" touchscreen is readable in sunlight, making it ideal for working outdoors or indoors. No more squinting at a small, hard-to-read screen.

For a highly flexible mobile solution, these devices can be easily carried for audits, special orders or inventory tasks.



KEY FEATURES

- Android operating system
- 10.1" display with optical bonding for sunlight viewability
- ARM® Cortex™ A53 octa core processor
- Fully rugged construction, IP65 waterproof and dustproof
- Hot-swappable battery design
- Withstands a four-foot drop onto concrete
- Optional integrated 1D/2D barcode reader
- Supports NFC

HIGHLIGHTS



Extended functionality

Get more out of your device with the right accessories



Maximized uptime

Total peace of mind with JLT:Care, the no-questions-asked service agreement from JLT



Perfect for work outside of the vehicle

The slim and compact format makes this tablet the perfect choice for remote work



MT2010A 10" fully rugged tablet

BASE UNIT

Processor

ARM® Cortex-A53 octa core 1.3 GHz

Memory

2GB LPDDR3

Display

10.1" (1280 x 800 WUXGA) 400 NIT

Capacitive multi-touch screen with optical bonding for sunlight viewability

STORAGE

Onboard

eMMC 16GB

Expansion

SDHC-card (up to 32GB)

RF OPTIONS

Radio

WLAN 802.11 a/b/g/n

Bluetooth v 4.1

WWAN North America

LTE Cat 4 / DC-HSPA+, b2/b4/b5/b13/b17
(ability to switch between operators)

WWAN Other regions

GSM/GPRS/EDGE, b2/b3/b5/b8

FDD-LTE / TDD-LTE, b1/b3/b4/b7/b8/b20/b38/b39/b40/b41

WCDMA/HSDPA/HSPA, b1/b2/b4/b5/b8

GPS

A-GPS/GLONASS

INTERFACES

Ports

1x Micro USB 2.0 OTG

1x Micro SD slot

1x 19-pin docking connector

1x Line out/mic in

1x Power jack

Audio

1x Built-in mic

2x 1W Speaker

Camera

Rear: 8.0 MP auto focus w. LED flash

Front: 2.0 MP webcam

Data Capture

1D/2D barcode reader (optional)

NFC reader

Keys

1x Back

1x Home

1x Menu

1x Power

2x Volume keys

LED indicator

Status

SECURITY

Lock

Kensington lock slot

Mobile Device Management

SOTI Mobicontrol compatible, available upon request

SENSORS

Digital compass

G-sensor

Light sensor

POWER SUPPLY

Input

12-19 VDC

Battery

Hot-swappable 7.4V, typ. 5140 mAh Li-Polymer (2S1P)

10 hours (depending on usage)

Adapter

100 ~ 240 V / 12 VDC 3A

OPERATING SYSTEM

Android

PHYSICAL CHARACTERISTICS With standard battery

Dimensions

271.67mm (w) x 198.2mm (h) x 21mm (d)

10.7 inch (w) x 7.8 inch (h) x 0.83 inch (d)

Weight

1.0 kg, 2.2 LB

ENVIRONMENT

Operating temp.

AC mode

-20°C to 60°C / 4°F to 158°F

Battery mode

-10°C to 50°C / 14°F to 122°F

Storage temp.

-20°C to 60°C / 4°F to 158°F

Humidity

30%-90% RH, non-condensing

Salt Fog

MIL-STD-810G

Dust and water

IP65

Vibration

MIL-STD-810G

Shock

MIL-STD-810G

Drop

MIL-STD-810G (multiple 4-foot drop to concrete)



MT2010K

10" fully rugged tablet

Compact and fully rugged, with integrated keyboard

The MT2010K™ is a fully rugged tablet that combines a compact form factor with the convenience of an integrated QWERTY keyboard and 10 programmable function buttons. The optimal choice for mobile applications where a full keyboard is required.

The 8" touchscreen is easy to read, even in sunlight, making data input fast and simple for operators in the field, both outdoors and indoors.

Tired of dealing with the repair costs of consumer-grade tablets? This tablet can withstand a four-foot drop onto concrete. It is dustproof and waterproof to IP65 standard and has an operating temperature range of -20 to +50°C / -4 to +122°F.

For a highly flexible mobile solution, this device can be easily carried for audits, special orders or inventory tasks.



KEY FEATURES

- Windows operating system
- 8" display with optical bonding for sunlight viewability
- Intel® Celeron® N2930 processor
- Fully rugged construction, IP65 waterproof and dustproof
- Hot-swappable battery
- Withstands a four-foot drop onto concrete
- Optional integrated 1D/2D barcode reader
- Integrated QWERTY keyboard

HIGHLIGHTS



Extended functionality

Get more out of your device with the right accessories



Perfect for work outside of the vehicle

The slim and compact format makes this fully rugged tablet the perfect choice for remote work



Integrated QWERTY keyboard makes data entry easier

Typing is fast and easy with the integrated QWERTY keyboard



MT2010K 10" fully rugged tablet

BASE UNIT

Processor

Intel® Celeron® N2930

Memory

8GB SODIMM DDR3L-1600

Display

8" (1280 x 800) 500 NIT

Capacitive multi-touch touch screen with optical bonding for sunlight viewability

STORAGE

Onboard

SSD 64GB, 128GB, 256GB

RF OPTIONS

Radio

WLAN 802.11 a/b/g/n/ac

Bluetooth v 4.1

4G (LTE) up to 100 Mbps download speed (optional)

GPS

GPS, Galileo

INTERFACES

Ports

1x USB 3.0

1x Micro HDMI

1x Micro SD slot

1x 30-pin combo conn. (Giga-LAN or RS232)

1x Line out/mic in

1x Power jack

Audio

2x Stereo speaker

Camera

5.0 MP auto focus w. LED flash (at rear)

Data Capture

1D/2D barcode reader (optional)

Keys

1x Power

10x Programmable function keys

Integrated QWERTY keypad (ISO/IEC 9995-3)

LED indicators

Power

Battery

HDD

RF

SECURITY

TPM

V 2.0

Lock

Kensington lock slot

Mobile Device Management

SOTI Mobicontrol compatible, available upon request

SENSORS

Digital compass

Light sensor

G-sensor

POWER SUPPLY

Input

19 VDC

Battery

Hot-swappable 7.4V, 5140 mAh Li-Polymer or optional 7.4V, 10280 mAh Li-Polymer

6 hours (depending on usage)

Adapter

100 ~ 240 V, 50 ~ 60Hz / 19 VDC

OPERATING SYSTEM

Windows

Windows 10 IoT

PHYSICAL CHARACTERISTICS With standard battery

Dimensions

271.8mm (w) x 198.2mm (h) x 22mm (d)

10.7 inch (w) x 7.8 inch (h) x 0.87 inch (d)

Weight

1.35 kg, 3 LB

ENVIRONMENT

Operating temp.

AC mode

-20°C to 60°C / -4°F to 140°F

Battery mode

-10°C to 50°C / 32°F to 122°F

Storage temp.

-30°C to 70°C / -22°F to 158°F

Humidity

10%-90% RH, non-condensing

Dust and water

IP65

Vibration

MIL-STD-810G

Shock

MIL-STD-810G

Drop

MIL-STD-810G (multiple 4-foot drop to concrete)



MT2010

10" fully rugged tablet

Light and slim with Windows OS

The MT2010™ fully rugged tablet combine tough construction with a slim form factor and light weight. It runs the full version of Windows™ operating system.

Are you tired of dealing with the repair costs of consumer-grade tablets? This tablet can withstand a four-foot drop onto concrete. It is dustproof and water resistant to IP65 standard and has an operating temperature range of -20 to +50°C / -4 to +122°F. The 10.1" projected capacitive touchscreen is readable in sunlight, making it ideal for working outdoors or indoors. No more squinting at a small, hard-to-read screen.

For a highly flexible mobile solution, this device can be easily carried for audits, special orders or inventory tasks. It can also be customized to your specifications to maximize productivity. Need more storage? A modified OS to increase reliability? Added data safety features? No problem.



KEY FEATURES

- Windows operating system
- 10.1" display with optical bonding for sunlight viewability
- Intel® Celeron® N2930 processor
- IP65 waterproof and dustproof
- Hot-swappable battery design
- Fully rugged construction
- Withstands a four-foot drop onto concrete
- So light and thin you can use it anywhere

HIGHLIGHTS



Extended functionality

Get more out of your device with the right accessories



Maximized uptime

Total peace of mind with JLT:Care, the no-questions-asked service agreement from JLT



Perfect for work outside of the vehicle

A slim and compact format makes this tablet the perfect choice for remote work



MT2010 10" fully rugged tablet

BASE UNIT

Processor

Intel® Celeron® N2930

Memory

8GB

Display

10.1" (1920 x 1200) 700 NIT

Capacitive multi-touch screen with optical bonding for sunlight viewability

STORAGE

SATA

mSATA 64GB, 128GB, 256GB

RF OPTIONS

Radio

WLAN 802.11 a/b/g/n

Bluetooth v4.0+ Class I

4G (LTE) up to 100 Mbps download speed (optional)

GPS

U-blox Neo-6Q - GPS / GLONASS

INTERFACES

Ports

1x USB 3.0

1x Micro HDMI (optional)

1x Micro SD slot

1x 30-pin combo conn. (Giga-LAN or RS232)

1x Extension port

1x Docking connector

1x Line out/mic in

1x DC jack

1x Extension port

1x Docking connector

Audio

1x Built-in mic

2x 1W Speaker

Camera

Rear: 5.0 MP auto focus w. LED flash

Front: 2.0 MP

Data capture

Short range 1D/2D bar code reader (optional)

Keys

1x Home

1x Power

2x Programmable function keys

2x Volume keys

LED indicators

Power

Battery

HDD

RF

SECURITY

TPM

V1.2

Lock

Kensington lock slot

Mobile Device Management

SOTI Mobicontrol compatible, available upon request

SENSORS

Light sensor

G sensor

Gyrometer

E-compass

POWER SUPPLY

Input

12-19 VDC

Battery

Hot-swappable 7.4V, 5140 mAh Li-Polymer or optional 7.4V, 10280 mAh Li-Polymer

8 hours (depending on usage)

Adapter

AC 110 ~ 240 V, 50 ~ 60 Hz / 19 VDC

OPERATING SYSTEM

Windows

Windows 10 IoT

PHYSICAL CHARACTERISTICS With standard battery

Dimensions

271.8mm (w) x 197.2mm (h) x 19mm (d)

10.7 inch (w) x 7.76 inch (h) x 0.75 inch (d)

Weight

1.2 kg, 2.7 LB

ENVIRONMENT

Operating temp.

-20 to +50 °C / -4 to +122 °F (battery)

Storage temp.

-30 to +70 °C / -22 to +158 °F

Humidity

10-90% RH, non-condensing

Dust and water

IP65

Vibration

MIL-STD-810G

Shock

MIL-STD-810G

Drop

MIL-STD-810G (multiple 4-foot drop to concrete)



MT2010S

10" fully rugged tablet

High performance in a slim and light package

The MT2010S™ fully rugged tablet combines tough construction with a slim form factor and light weight. It runs the full version of Windows™ operating system and features a high-performance Intel Kaby Lake Core™ i5 processor.

Tired of dealing with the repair costs of consumer-grade tablets? This tablet can withstand a four-foot drop onto concrete. It is dustproof and water resistant to IP65 standard and has an operating temperature range of -20 to +50°C / -4 to +122°F. The 10.1" projected capacitive touchscreen is readable in sunlight, making it ideal for working outdoors or indoors. No more squinting at a small, hard-to-read screen.

For a highly flexible mobile solution, this device can be easily carried for audits, special orders or inventory tasks. It can also be customized to your specifications to maximize productivity. Need more storage? A modified OS to increase reliability? Added data safety features? No problem.



KEY FEATURES

- Windows operating system
- Intel® Core™ i5 processor
- 10.1" display with optical bonding for sunlight viewability
- IP65 waterproof and dustproof
- Hot-swappable battery design
- Fully rugged construction
- Withstands a four-foot drop onto concrete
- So light and thin you can use it anywhere

HIGHLIGHTS



Extended functionality

Get more out of your device with the right accessories



Maximized uptime

Total peace of mind with JLT:Care, the no-questions-asked service agreement from JLT



Perfect for work outside of the vehicle

A slim and compact format makes this tablet the perfect choice for remote work



MT2010S 10" fully rugged tablet

BASE UNIT

Processor

Intel® Core™ i5-7200U

Memory

8GB

Display

10.1" (1920 x 1200) 800 NIT

Capacitive multi-touch screen with optical bonding for sunlight viewability

STORAGE

Onboard

SSD 64GB, 128GB, 256GB, 512GB

Expansion

microSDXC-card (up to 128GB)

RF OPTIONS

Radio

WLAN 802.11 a/b/g/n/ac

Bluetooth v 4.2

4G (LTE) up to 100 Mbps download speed (optional)

GPS

GPS/GLONASS/BEIDOU

INTERFACES

Ports

1x USB 3.0 type A

1x USB 3.0 type C

1x Micro HDMI

1x Micro SD slot

1x 19-pin Docking connector

1x Line out/mic in

1x Power jack

Audio

1x Built-in dual digital mic with noise cancellation

2x 1W Speaker

Camera

Rear: 8.0 MP auto focus w. LED flash

Front: 2.0 MP webcam

Data Capture

1D/2D barcode reader (optional)

HF RFID reader 13.56 MHz (optional)

Keys

1x Power

1x Home

2x Programmable function keys

2x Volume keys

LED indicators

Power

Battery

HDD

RF

SECURITY

TPM

V 2.0

Lock

Kensington lock slot

Mobile Device Management

SOTI Mobicontrol compatible, available upon request

SENSORS

Digital compass

Light sensor

G-sensor

POWER SUPPLY

Input

12-19 VDC

Battery

Hot-swappable 7.4V, 5140 mAh Li-Polymer or optional 7.4V, 10280 mAh Li-Polymer

8 hours (depending on usage)

Adapter

AC 110 ~ 240 V, 50 ~ 60 Hz / 19 VDC

OPERATING SYSTEM

Windows

Windows 10 IoT

PHYSICAL CHARACTERISTICS With standard battery

Dimensions

271.67mm (w) x 198.2mm (h) x 21mm (d)

10.7 inch (w) x 7.8 inch (h) x 0.83 inch (d)

Weight

1.25 kg, 2.7 LB

ENVIRONMENT

Operating temp.

AC mode

-20°C to 60°C / 4°F to 158°F

Battery mode

-10°C to 50°C / 14°F to 122°F

Storage temp.

-20°C to 60°C / 4°F to 158°F

Humidity

10%-90% RH, non-condensing

Dust and water

IP65

Vibration

MIL-STD-810G

Shock

MIL-STD-810G

Drop

MIL-STD-810G (multiple 4-foot drop to concrete)



MT2010P

10" fully rugged tablet

High performance in a slim and light package

The MT2010P™ fully rugged tablet combines tough construction with a lightweight, slim form factor. This device can be easily carried for audits, special orders, or inventory tasks. Running on the full version of Windows™ operating system, this tablet is a highly flexible mobile solution.

Are you tired of dealing with the repair costs of consumer-grade tablets? This tablet can withstand a four-foot drop onto concrete. It is dust-proof and water-resistant to IP65 standard and has an operating temperature range of -20 to +50°C / -4 to +122°F. Besides regular indoor use, the 10.1" Projected Capacitive Touchscreen (PCT) is readable in sunlight, making it ideal for working outdoors. No more squinting at a small, hard-to-read screen. Need extra storage? A modified OS? More data safety features? No problem! The MT2010P™ can also be customized to your specific specifications, helping you maximize your productivity.



KEY FEATURES

- Intel® Apollo Lake Pentium N4200 Processor
- Low power consumption with fan-less design
- 10.1" 1920 x 1200 IPS LED panel with direct optical bonding
- Sunlight readable with anti-glare
- Optional Integrated 1D/2D Barcode Reader and HF RFID Reader for data collection
- Removable battery with hot-swap function
- IP65 water and dustproof

HIGHLIGHTS



Extended functionality

Get more out of your device with the right accessories



Maximized uptime

Total peace of mind with JLT:Care, the no-questions-asked service agreement from JLT



Perfect for work outside of the vehicle

A slim and compact format makes this tablet the perfect choice for remote work



MT2010P 10" fully rugged tablet

BASE UNIT

Processor

Intel Pentium N4200 Processor 1.10 GHz up to 2.50 GHz with turbo boost technology

Memory

4 GB LPDDR4 (up to 8GB)

Display

10.1" (1920 x 1200 WUXGA) 800 NIT

Capacitive multi-touch screen with optical bonding for sunlight viewability

STORAGE

128GB SSD (Options up to 512GB)

RF OPTIONS

Radio

802.11 a/b/g/n/ac

Bluetooth 5.0

4G LTE (optional)

GPS

GPS / GLONASS

INTERFACES

Ports

1 x 19-pin docking connector

1 x micro HDMI (Optional)

1 x USB 3.0 (Type A), 1 x USB 3.0 (Type C)

1 x Power Jack

1 x Micro SDXC slot

1 x Audio combo connector (Mic in or Line out)

1 x Expansion connector for USB 2.0/ Full RS232 (Optional)

1 x Micro SIM card slot

1 x Mini PCIe for WWAN Module

Audio

1 x Built-in mic

2 x 1W Speaker

Camera

Rear: 8.0 MP auto focus w. LED flash

Front: 2.0 MP

Data capture

1D/2D barcode reader (optional)

HF RFID reader (optional)

Buttons

Power

Home

2 x Volume

2 x Programmable function keys

LED indicators

Power

Battery

HDD

RF

SECURITY

TPM

V 2.0

Lock

Kensington lock slot

Mobile Device Management

SOTI Mobicontrol compatible, available upon request

SENSORS

Light sensor

G sensor

Gyrometer

E-compass

POWER SUPPLY

Input

12-19 VDC

Battery

Hot-swappable 7.4V, 5900 mAh Li-Polymer or optional

7.4V, 10280 mAh Li-Polymer

8 hours (depending on usage)

Adapter

AC 110-240 V, 50~60 Hz / 19 VDC

OPERATING SYSTEM

Windows

Windows 10 IoT Enterprise (64 bit)

PHYSICAL CHARACTERISTICS with standard battery

Dimensions

271.8mm (w) x 197.2mm (h) x 19mm

(d) 10.7 inch (w) x 7.76 inch (h) x 0.77 inch (d)

Weight

1.2 kg, 2.7 LB

ENVIRONMENT

Operating temperatures

-20 to +50 °C / -4 to +122 °F (battery)

Storage temperatures

-30 to +70 °C / -22 to +158 °F

Humidity

10 to 90% RH, non-condensing

Dust and water

IP65

Vibration

MIL-STD-810G Method 514.6 Procedure I

Shock

MIL-STD-810G Method 516.6 Procedure I

Drop

MIL-STD-810G Method 516.6, 4-foot drop



MH1005A

5" fully rugged handheld



Ideal for remote work

The MH1005A™ is a fully rugged handheld device with Android™ operating system, ideal for field service or warehousing operations in harsh environment. It is IP65 dustproof and waterproof and works in temperatures of -10 to +50 °C / 14 to +122 °F.

Thanks to its light weight and compact form factor, the MH1005A is perfectly suited for a wide range of tasks in the field. The simple latch system and hot-swappable battery help to ensure continuous operation wherever you are. An optional 1D/2D barcode scanner enables advanced data collection indoors and outdoors.

KEY FEATURES

- Android operating system
- 5" display with optical bonding for sunlight viewability
- ARM® Cortex™ A53 octa core processor
- Fully rugged construction, IP65 waterproof and dustproof
- Hot-swappable battery design
- Withstands a four-foot drop onto concrete
- Optional integrated 1D/2D barcode reader
- Supports NFC

HIGHLIGHTS



When mobility is key

The slim and compact format makes this fully rugged handheld device perfect for remote work



Maximized uptime

Total peace of mind with JLT:Care, the no-questions-asked service agreement from JLT



Advanced data collection

Two integrated cameras and an optional barcode scanner make scanning and photo and video capture fast and easy



MH1005A 5" fully rugged handheld

BASE UNIT

Processor

ARM® Cortex-A53 octa-core 1.3GHz

Memory

2GB RAM

Display

5" (1280 x 720) 500 NIT

Capacitive multi-touch screen

STORAGE

Onboard

eMMC 16GB (expansion SDHC-card up to 32GB)

RF OPTIONS

Radio

WLAN 802.11 a/b/g/n

Bluetooth v4.1

WWAN North America

LTE Cat 4 / DC-HSPA+, b2/b4/b5/b13/b17 (ability to switch between operators)

WWAN Other regions

GSM/GPRS/EDGE, b2/b3/b5/b8

FDD-LTE / TDD-LTE, b1/b3/b4/b7/b8/b20/b38/b39/b40/b41

WCDMA/HSDPA/HSPA, b1/b2/b4/b5/b8

GPS

A-GPS/GLONASS

INTERFACES

Ports

1x Micro USB

1x Micro SD-card slot

2x SIM-card slot

1x Docking connector

1x Power jack

Audio

1x 1.2W speaker

2x Built-in mic

1x Earphone

Camera

Rear 8.0 MP, front 2.0 MP

Data capture

NFC reader and optional: 1D/2D barcode reader, fingerprint reader, smart card reader

Keys

1x Power

1x Volume keys

2x Front keys

2x Programmable function keys

LED indicators

Status

SECURITY

Mobile Device Management

SOTI Mobicontrol compatible (available upon request)

SENSORS

Digital compass

Light sensor

G-sensor

POWER SUPPLY

Battery

3.7V 3900mAh Li-ion removable battery (optional for hot-swappable function)

20 hours (depending on usage)

Adapter

5 V 2A

OPERATING SYSTEM

Android

PHYSICAL CHARACTERISTICS

Dimensions

85.9mm (w) x 163.2mm (h) x 22.5mm (d)

3.38 inch (w) x 6.43 inch (h) x 0.89 inch (d)

Weight

0.135 kg, 0.28 LB

ENVIRONMENT

Operating temp.

AC mode

-20 to +60 °C / 68 to +140 °F

Battery mode

-10 to +50 °C / 14 to +122 °F

Dust and water

IP65

Vibration

MIL-STD-810G

Shock

MIL-STD-810G

Drop

MIL-STD-810G (multiple 5-foot drop to concrete)



JLT3608SR and JLT3608ER

Ultra-rugged corded 1D/2D barcode scanners



Barcode scanning at unstoppable performance

Warehouse workers scan thousands of barcodes every day to ensure order accuracy and on-time delivery. Their productivity depends highly on the quality of the scanner you put in their hands. JLT scanners deliver lightning-fast capture of any 1D or 2D barcode in virtually any condition, nearer and farther than any scanner in its class. Even if the barcodes are under shrinkwrap or damaged, dirty or poorly printed – these intelligent scanners handle it all.

The JLT3608 scanners have the highest drop, tumble and sealing specification in its class. They are built to survive a 2.4 m / 8 ft drop to concrete and operates reliably after 5,000 tumbles, simulating the real-world tumbling that occurs with a drop. These scanners are dust, spray and waterproof to IP67 and designed for use in freezing temperatures.

Use the scanners together with our rugged computers, and you are ready for the world's toughest environments – the warehouse and manufacturing floor. To maximize the utility of your scanners several accessories are available.

KEY FEATURES

- Captures and processes up to 20 barcodes simultaneously
- Fastest barcode reading on the market
- Sealed to IP67
- Operates in freezing temperature
- Handles 2.4 m/8 ft drop to concrete
- Operates reliably after 5,000 tumbles
- Unmatched scanning performance – from 7.6 cm/3 inch to 21.4 m/70 ft on extended range models

HIGHLIGHTS



Superior scanning capabilities

Scan barcodes in basically any shape, damaged or dirty, from close distance or far away, up to 21.4 m / 70ft – and faster than any other similar model on the market



The most indestructible design in its class

Built to survive a 2.4 m / 8 ft drop to concrete and operates reliably after 5,000 tumbles. They are dust, spray and waterproof to IP67, and can be used in freezing temperatures



Maximized uptime

Complete peace of mind with JLT:Care, the no-questions-asked service agreement from JLT

JLT3608SR and JLT3608ER

Ultra-rugged corded 1D/2D barcode scanners

PHYSICAL CHARACTERISTICS

Dimensions

18.5 x 7.6 x 13.2 cm / 7.3 x 3.0 x 5.2 inch

Weight

Standard range: 305 g / 10.76 oz

Extended range: 334 g / 11.8 oz

Operating current

Standard range: 100 mA

Extended range: 360-800 mA

PERFORMANCE CHARACTERISTICS

Aimer

655 nm laser

Illumination

One 660 nm LED

Image sensor

1280 x 800 (1 Megapixel)

Minimum print contrast

25% minimum reflective difference

Skew/Pitch/Roll

Skew $\pm 60^\circ$ /Pitch $\pm 60^\circ$ /Roll $\pm 360^\circ$

ENVIRONMENT

Operating temp.

-30° C to 50° C / -22° F to 122° F

Storage temp.

-40° C to 70° C / -40° F to 158° F

DECODE CAPABILITIES

1D

Code 39, Code 128, Code 93, Codabar / NW7, Code 11, MSI Plessey, UPC/EAN, I 2 of 5, Korean 3 of 5, GS1 DataBar, Base 32 (Italian Pharma)

2D

PDF417, Micro PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, MaxiCode, QR Code, Micro QR, Chinese Sensible (Han Xin), Postal Codes, DotCode

Digimarc

Digital watermark technology

REGULATORY

Environmental

RoHS EN 50581: 2012

Electrical safety

EU Safety: EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + AC 2011 + A2: 2013

International Safety: IEC 60950-1: 2005 + A1: 2009 + A2: 2013

US/Canada Safety: UL 60950-1, second edition, CAN/CSA-C22.2 No. 60950-1-07

Laser/LED safety

Complies with 21 CFR1040.10 and 1040.11 except for deviations pursuant to Laser Notice NO. 50, dated June 24, 2007 and IEC/EN 60825-1:2007 and/or IEC/EN 60825-1:2014

IUID support

Supports IUID parsing, the ability to read and separate IUID fields per application requirements

ACCESSORIES

Tool Balancer Pulley

Coiled 9ft Cable



JLT3678SR and JLT 3678ER

Ultra-rugged cordless 1D/2D barcode scanners

Barcode scanning at unstoppable performance

Warehouse workers scan thousands of barcodes every day to ensure order accuracy and on-time delivery. Their productivity depends highly on the quality of the scanner you put in their hands. JLT scanners deliver lightning-fast capture of any 1D or 2D barcode in virtually any condition, nearer and farther than any scanner in its class. Even if the barcodes are under shrinkwrap or damaged, dirty or poorly printed – these intelligent scanners handle it all.

The JLT3678 scanners have the highest drop, tumble and sealing specification in its class. They are built to survive a 2.4 m / 8 ft drop to concrete and operates reliably after 5,000 tumbles, simulating the real-world tumbling that occurs with a drop. These scanners are dust, spray and waterproof to IP67 and designed for use in freezing temperatures.

Use the scanners together with our rugged computers, and you are ready for the toughest environments – the warehouse and manufacturing floor. To maximize the utility of your scanners, several accessories including a vehicle cradle kit are available.



KEY FEATURES

- Captures and processes up to 20 barcodes simultaneously
- Fastest barcode reading on the market
- Sealed to IP67
- Operates in freezing temperature
- Handles 2.4 m/8 ft drop to concrete
- Operates reliably after 5,000 tumbles
- Unmatched scanning performance – from 7.6 cm/3 inch to 21.4 m/70 ft on extended range models

HIGHLIGHTS



Superior scanning capabilities

Scan barcodes in basically any shape, damaged or dirty, from close distance or far away, up to 21.4 m / 70ft – and faster than any other similar model on the market



The most indestructible design in its class

Built to survive a 2.4 m / 8 ft drop to concrete and operates reliably after 5,000 tumbles. They are dust, spray and waterproof to IP67, and can be used in freezing temperatures



Maximized uptime

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JLT3678SR and JLT3678ER

Ultra-rugged cordless 1D/2D barcode scanners

PHYSICAL CHARACTERISTICS

Dimensions

18.5 x 7.7 x 14.2 cm / 7.3 x 3.0 x 5.6 inch

Weight

Standard range: 407 g / 14.34 oz

Extended range: 436 g / 15.38 oz

PERFORMANCE CHARACTERISTICS

Scans per full charge

Standard range: 100.000+

Extended range: 70.000+

Aimer

655 nm laser

Illumination

One 660 nm LED

Image sensor

1280 x 800 (1 Megapixel)

Minimum print contrast

25% minimum reflective difference

Skew/Pitch/Roll

Skew $\pm 60^\circ$ /Pitch $\pm 60^\circ$ /Roll $\pm 360^\circ$

ENVIRONMENT

Operating temp.

-20° C to 50° C / -4° F to 122° F

Storage temp.

-40° C to 70° C / -40° F to 158° F

INTERFACES

Battery

PowerPrecision+ 3100 mAh Li-Ion Rechargeable

DECODE CAPABILITIES

1D

Code 39, Code 128, Code 93, Codabar / NW7, Code 11, MSI Plessey, UPC/EAN, I 2 of 5, Korean 3 of 5, GS1 DataBar, Base 32 (Italian Pharma)

2D

PDF417, Micro PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, MaxiCode, QR Code, Micro QR, Chinese Sensible (Han Xin), Postal Codes, DotCode

Digimarc

Digital watermark technology

BLUETOOTH RADIO

Bluetooth radio

Bluetooth Class 1, Version 4.0 (LE), serial port (SPP) and HID profiles

Data rate

3 Mbit/s (2.1 Mbit/s) for Classic Bluetooth 1 Mbit/s (0.27 Mbit/s) for Low Energy

Radio range

Direct line of sight in open air: Class 1: Minimum 300 ft. (100.0 m); Class 2: Minimum 30 ft. (10.0 m)

REGULATORY

Environmental

RoHS EN 50581: 2012

Electrical safety

EU Safety: EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + AC 2011 + A2: 2013; International Safety: IEC 60950-1: 2005 + A1: 2009 + A2: 2013 US/Canada Safety: UL 60950-1, second edition, CAN/CSA-C22.2 No. 60950-1-07

Laser/LED safety

Complies with 21 CFR1040.10 and 1040.11 except for deviations pursuant to Laser Notice NO. 50, dated June 24, 2007 and IEC/EN 60825-1:2007 and/or IEC/EN 60825-1:2014

IUID support

Supports IUID parsing, the ability to read and separate IUID fields per application requirements

ACCESSORIES

Cradle

Battery charger

Battery

Tool Balancer Pulley