T H E  N E W
B L A C K B E R R Y Z 1 0

Re-designed. Re-engineered. Re-invented.

Reviewer’s Guide
This reviewer’s guide is intended to provide a high level visual walkthrough of some of the many capabilities of BlackBerry 10 and the new BlackBerry Z10 smartphone.

It highlights key features, offers helpful tips, and includes some background information about many areas.

The guide is by no measure all that BlackBerry 10 has to offer, which you’ll discover as you begin to use the BlackBerry Z10 smartphone to Keep You Moving.
THE BLACKBERRY 10 EXPERIENCE

The BlackBerry 10 Experience

BlackBerry 10 is a re-designed, re-engineered and re-invented BlackBerry platform that creates a new and unique mobile computing experience. Called the BlackBerry Z10, the first smartphone based on the BlackBerry 10 platform is faster and smarter than any other BlackBerry you’ve used before and it continuously adapts to you.

Every feature, every gesture, and every detail is designed to keep you moving, with capabilities like “peek” and “flow”, and the ever present BlackBerry Hub, you’re always only one swipe away from what matters to you.

BlackBerry 10 stays true to what customers want and expect from their BlackBerry smartphone. They want instant and reliable communications, are highly-connected on social networks, are always looking to be productive and multitask, and they want the peace of mind that BlackBerry security gives them.

BlackBerry 10 is designed to learn and adapt to the way you work and share, with features like a keyboard that understands and adapts to you, so you can type faster and more accurately, or BBM which allows you to share anything with the people that matter to you in an instant, or BlackBerry Safeguard and BlackBerry Balance which help protect what is important to you and the company you work for.

In BlackBerry 10, you’ll find a robust and reliable platform that is smooth and responsive. It has a modern design and a completely gesture-based interface that’s highly discoverable.

More than an operating system, BlackBerry 10 is a new mobile computing platform designed to carry BlackBerry leadership and innovation in wireless forward for the next ten years.

BlackBerry 10 is designed to Keep You Moving.
The BLACKBERRY Z10 Smartphone

Tip: You can remove the backplate by starting to gently pry from here, then working along the seam.

Tip: Press both volume keys simultaneously to capture a screenshot. Screenshots are saved in the Camera folder.
Getting Started

BlackBerry 10 is designed to make it fast and easy to get started. When you power on your BlackBerry Z10 smartphone for the very first time, you will need to take a few minutes to get it set up by stepping through a series of panels (wizards).

You will need to select your language of choice, set up your BlackBerry ID, get connected on the mobile network and/or set up a Wi-Fi connection, and accept the licensing agreement.

The smartphone will also check to see if there are any software updates to be downloaded. It then leads you through a short tutorial introducing you to a few of the basic gestures in BlackBerry 10, such as swiping from the top bezel to access application settings or swiping up from the bottom bezel to minimize an app.

Tip: To see the password you’re typing, tap the eyeball icon. This feature applies across all the password dialog boxes in BlackBerry 10.

After the short tutorial, you’ll have the opportunity to set up your email and social media accounts, as well as other settings or revisit the tutorials. The Setup app is preinstalled on the smartphone, and found on the 3rd panel of the Home screen.
BlackBerry 10 introduces a new paradigm that is entirely gesture based. The interface includes many features that make navigation fast and convenient, and sets BlackBerry 10 apart from other mobile operating systems. The below and following few pages highlight some of the conveniences in BlackBerry 10.

Universal Search is always accessible from the Home screen. Tap the icon and type (or speak) what you want to search for. BlackBerry 10 searches your messages, contacts, and the apps and media/content (music, pictures, video, and documents) you have loaded on the smartphone. It will also allow you to extend your search to the Maps application, the on-device Help, the BlackBerry World store, and the Internet (using Bing, Google or Yahoo! as the search engine). You can perform a search for particular messages from within the BlackBerry Hub. For added convenience, Universal Search will keep a history of your recent searches.

In standby mode, the Home screen shows you your message count and the date and time. The camera is accessible when in standby – simply tap and hold the icon until the camera launches.

To awaken the smartphone, swipe up from the bottom bezel. The display will magically follow your finger as you swipe across the screen.

Phone, Universal Search, and Camera are always accessible from the Home screen.

Tip: You can switch to any panel instantly by simply tapping or gliding your finger along to the panel you want. The popup conveniently shows where you are.
You can access the BlackBerry Z10 smartphone’s settings from any of the Home screen panels or BlackBerry Hub with a simple swipe down from the top bezel.

Tapping on the Settings icon, launches the general Settings app. The Settings app is also preinstalled on the 2nd panel of the Home screen.

Tap on the Bluetooth icon to toggle the Bluetooth radio On and Off. Tap on the text to access the Bluetooth settings. BlackBerry 10 supports multiple Bluetooth profiles such as for stereo headsets.

Tap on the Alarm icon to turn the alarm On or Off. To set the alarm or access the clock settings (Clock app) tap on the text.

Tap on the Notification icon to turn all notifications and alerts Off and silence the device. Tap again to turn notifications back on On. Tap on the text to access the Notification settings, where you can customize how each function and app on the device should behave – flash the LED and/or vibrate when it receives an alert.

Tapping on the Wi-Fi icon will toggle the Wi-Fi radio Off and On. To access the Wi-Fi settings tap on the text.

Menus can be invoked by tapping the three dot menu icon which appears on the bottom right corner of an app, or by simply holding down on an item in a list.

Menus are context sensitive, offering up different functionality depending on where you are within an app.
Icons, Folders, Copy & Paste, Sharing

To rearrange icons, tap and hold on any icon until the icons begin “breathing”. You can then drag an icon anywhere on the screen or to another panel.

Tapping the trash can will delete the app.

To create a folder, simply drag one icon on top of another and lift your finger. You’ll be prompted to give the folder a name. A folder will show mini icons from the first four apps in the folder.

**Tip**: Tap to open a folder. Swipe up from the bottom bezel to close the folder.

**Tip**: To move an icon out of a folder, drag it to the bottom of the folder.

**Tip**: To rename a folder, tap and hold the title.

Another key feature of BlackBerry 10 is the ability to quickly and easily share content with any of your contacts. BlackBerry 10 provides a Sharing Framework – through underlying APIs for the app developer – that can be accessed by any application. The framework is easily accessible from an app’s menu, meaning that you don’t have to leave the app you’re in to send something, and it provides a consistent experience across the BlackBerry 10 platform.

To highlight a word, tap and hold on that word. Once it is selected, lift your finger and double-tap on the word again to invoke the Copy/Paste menu. Tapping and holding on a word for an extended period of time will select the entire sentence the word is in. Holding on further, highlights the entire paragraph, and holding on further adds the next paragraph to your selection, and so on. You can also expand your selection by dragging on either of the two anchor points.

To paste, place your finger at the point where you want to insert and hold it there until the paste menu appears. To make it easier for you to set the cursor at the exact insertion point you want, a large circle will appear, which you can drag to the insertion point.

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Setting Up Email & Other Accounts

The email support in BlackBerry 10 is very extensive and easy to set up. It supports multiple email accounts including ISP and work accounts over a variety of protocols including Microsoft Exchange ActiveSync (which is also used by some ISP email systems), as well as POP and IMAP. All email and other accounts, such as Facebook, Twitter and LinkedIn, are managed in the BlackBerry Hub.

To set up an account in BlackBerry 10, you typically only have to enter your User Name and Password and the system will determine the right settings for you automatically.

You can add an account from the System Settings.

You can also access more advance settings to configure for special requirements.

For example, select Work Account in Advanced Settings to set up your email on BlackBerry Enterprise Service 10.

To Send a message tap Compose and select the account you want to send from.

If you are sending to a contact that’s not in your Contacts, type their address, then tap the highlighted address to accept the selection.

To include an attachment, change text formats, or access other settings, hide the keyboard by tapping and holding on the space bar for a short period.

Tip: To send to a contact that’s not in your Contacts, type their address, then tap the highlighted address to accept the selection.

You can select to send from any account. Once in Compose, you can change which account you want to send from by dragging down from the top of the display.

Tip: To save a draft message, select Cancel, which gives you the option to save the draft and come back to it.

BlackBerry 10 lets you to compose messages in rich text.
The BlackBerry Hub is a central and distinguishing feature of BlackBerry 10. It is more than just a universal inbox. It acts as a powerful central repository for all messages and notifications (email, text, BBM, social media, updates from third party apps). BlackBerry Hub is a single place to manage all your conversations.

When you are in the BlackBerry Hub, dragging down within the message window reveals what events (such as a meeting) you have upcoming up for the remainder of your day, as well as the following day.

The BlackBerry Hub can be instantly viewed or accessed from virtually any app or task you’re in. Swipe up, and then to the right to “peek” into the BlackBerry Hub. You can then immediately act on the notification or reverse the gesture to go back to what you were doing.

Tapping on an event instantly flows into the Calendar, where you can then tap to view the People (Contacts) that are associated with the event, and any email or other correspondence you have had about the event with each of those people.

For meeting events, you can also view information from LinkedIn, Twitter and Facebook about the people you’re meeting.

Tip: You can control what accounts appear in the BlackBerry Hub, from Hub Management in the Settings.

Customer Sales Meeting

Details

People (3) Emails

Join now

9:00 am - 11:00 am (30 min)

You device is set to silent for the duration of the meeting.

Reminder is set to 15 min. before meeting start time.

Next

Customer Sales Meeting

Details

People (3) Emails

Organizers

Mark Macleod (you)

Real Ventures

Amy Stevens

ACME INC

Miles Delarous

Real Ventures

Sarah Miles

Real Ventures

Partipants (2)

Ask Amy fals’s interested in the new Turborec...
Multitasking & Active Frames

One of the most powerful and compelling features of BlackBerry 10 is its full multitasking capabilities. Multitasking has long been a differentiating feature on the BlackBerry platform, and BlackBerry 10 takes multitasking to a whole new level and introduces a new feature called Active Frames.

When you launch an application in BlackBerry 10 it runs in full screen. When you want to launch or switch to another app, a swipe up from the bottom bezel of the display will minimize the app. In its minimized state, the app is still active and functioning – it becomes an Active Frame that can display certain information to you, which is set by the app developer. For example, the minimized Calendar displays upcoming appointments; the Weather app’s Active Frame, shows you the current temperature and conditions as well as a forecast summary.

The Active Frame panel shows you all of the apps you’re running – you can have up to 8 apps running at one time – and automatically appears between the BlackBerry Hub and the application grid when you minimize your first app. The Active Frame panel makes it very easy to switch between apps and multitask, while each frame can give you useful information at a glance.

Minimized apps are Active Frames. You can have up to eight Active Frames on your Home screen, stacked vertically in two panels with 4 frames displayed in each panel. The order of the Active Frames is determined by the most recently accessed app – the most recently accessed app is always shuffled to the top left of the grid, making it easier to access and switch from app to app.

When you have more than 4 apps open, the indicator will show a small arrow.

Note: An app, such as BBM or for example an RSS reader, does not have to be actively running to generate a notification or alert. Apps that are registered with the BlackBerry Hub will receive notifications even if they are not launched.

To shut down an app, tap the x.

When you are in an app, swiping up from the bottom bezel of the display will minimize the app as an Active Frame.
Touchscreen Keyboard

BlackBerry smartphones have always been known for their exceptional and distinctive physical keyboards that make for fast, accurate typing. The touchscreen keyboard in BlackBerry 10 is designed to emulate many of the characteristics and benefits of a physical keyboard. It is wide (edge-to-edge on the display), with large lettering, and distinctive frets to separate rows. It also adds advanced capabilities with its very powerful software. The software learns what and how you type, integrates multiple dictionaries, and is designed to be fast and responsive (the keyboard is written in Open GL), offering the industry’s best touchscreen keyboard experience.

Some of the characteristics that enable for fast, accurate typing on a physical keyboard are emulated in the touchscreen keyboard in BlackBerry 10. For example, on a physical keyboard you can begin pressing the next key for what you’re typing before your thumb leaves the current letter you’re on. The touchscreen keyboard in BlackBerry 10 is designed to emulate this capability to give you an extremely responsive and accurate typing experience.

The touchscreen keyboard in BlackBerry 10 also learns how you type. It tracks where you hit particular keys as well as what words you use, to make typing more accurate. For example, if you often hit the letter “B” when you in fact intended to tap the spacebar, the BlackBerry 10 keyboard will, in a short time, learn to correct that mistake for you.

The touchscreen keyboard comes with an extensive dictionary that aids your typing by automatically correcting misspelled word, which you can control in the Language and Input section under Settings.

Additionally, a large number of BlackBerry customers are fluent in multiple languages and often type in more than one language within a particular message. The keyboard dictionary in BlackBerry 10 supports multiple languages, and is able to handle inputs in up to 3 different languages at a time.

The BlackBerry 10 keyboard also learns what words you commonly use over time, then offers these words up as you type. It goes beyond simply compiling a vocabulary of the words you use; it creates an actual phraseology to make prediction (and correction) more accurate.

The BlackBerry 10 touchscreen keyboard builds a phraseology of the words you use, then offers them up as you type. You can simply flick the next word into place. You can control where predicted words appear, either on the letter key or on the column, in the On-Screen Keyboard settings. You can also turn the animation On or Off – when On the words “fly up” when you flick them from the keyboard into the text area.
Touchscreen Keyboard... (continued)

**Tip:** Instead of tapping on the “?123” and “&%” buttons to toggle through the various character key sets, you can simply swipe down from the top of the keyboard with your thumb.

Customers have always enjoyed the way a BlackBerry smartphone automatically capitalizes the first letter of the word starting a new sentence, and automatically places a period (.) when you hit the space bar twice. Both these features are supported in BlackBerry 10 (and are set on by default in Automated Assistance).

**Tip:** Instead of tapping on the “?123” and “&%” buttons to toggle through the various character key sets, you can simply swipe down from the top of the keyboard with your thumb.

A particularly favorite and powerful feature is Word Substitution, which allows you to add your own word shortcuts.

**Tip:** Holding on a particular key will automatically capitalize the letter. If you hold on the key a little longer, the key’s extended character set will pop up. For example, if you hold on the letter “R” it will show you the symbol for a registered trademark. To select an extended character, slide your thumb from the letter to the extended charter you want, then lift your thumb to complete the selection.

**Tip:** To hide the keyboard (as shown by the grey icon), press and hold the space bar. You can also hide the keyboard by swiping down from the top of the keyboard with two fingers. To make the keyboard appear at any time, you can swipe up from the bottom bezel with two fingers.

**Tip:** Hitting the backspace key will delete one letter at a time. If you want to delete an entire word, make a short quick swipe to the left from anywhere on the keyboard.

**Tip:** To dictate (speak) what you want to compose, invoke Voice Control by tapping and holding. You can also press and hold the Play/Pause button on the side of the smartphone.
The BlackBerry 10 browser is the fastest and most feature-rich HTML5 browser ever developed for a BlackBerry device. It offers a great mobile experience on the expansive touchscreen, loading pages extremely fast, and it is very smooth and responsive when scrolling and pinching to zoom. It includes many advanced features that help you quickly navigate a page and read its content. It supports multiple tabs, lets you browse sites privately, and easily save pages as bookmarks or Home screen icons, and share them with your contacts.

As the mobile web moves more to HTML5, web sites that include content in Adobe Flash are being reworked to provide the same kind of functionality, but using HTML5. In the BlackBerry 10 browser, which excels at HTML5 (for an industry benchmark on HTML5 compatibility, visit www.HTML5test.com), Adobe Flash is built-in and supported but not enabled by default. If you happen to visit a site that uses Adobe Flash, the BlackBerry 10 browser can sense that and offer you the option to immediately enable it (or proceed without Flash) without having to open up settings or reload the Web page you’re on.

Ringmark Benchmark - Ringmark (http://rng.io) is an HTML5 test suite developed by Facebook and delivered to the Open Source community. It identifies a much needed standard to ensure consistency and a basic level of functionality for HTML5 app developers. In fact, Facebook says, “One of Ringmark’s primary goals is to prove that web features work for mobile web developers.” This is a great benefit to web developers. Ringmark connects various features into tiers, or Rings. Ring 1, which is actually the second tier, identifies functionality developers would need at a fundamental level to build some of the more advanced types of apps in HTML5, such as 2D games, and music, video and camera apps.

Tip: Having the Default Font Size set higher is particularly handy for pages that have fields, such as a site’s search box. When you tap to place the cursor in the field, the page will automatically zoom to the font size you set.

Ringmark connects various features into tiers, or Rings. Ring 1, which is actually the second tier, identifies functionality developers would need at a fundamental level to build some of the more advanced types of apps in HTML5, such as 2D games, and music, video and camera apps.

Tip: If there’s a website you visit often, save the bookmark to the Home screen so you can launch it much faster.

Select Reader to launch a convenient reading mode, with an adjustable font size.
Camera

One of the key enhancements in the BlackBerry Z10 over previous BlackBerry smartphones is the camera, or in this case cameras. The BlackBerry Z10 features two cameras, each capable of capturing HD video. The rear facing camera features autofocus and can capture 8MP shots in an instant. It includes a bright LED flash that can be set to activate automatically or not at all. The front facing camera is ideal for taking a shot of yourself (or you with a couple of friends) and quickly sharing it on a social media site, or for video chatting over BBM.

The camera is designed to be extremely fast at capturing images and easily accessible, because you never know when the “right” moment will suddenly happen. Tapping almost anywhere on the display instantly captures a picture to the Pictures app, and the camera is then ready to shoot again. For quick access, the camera is always accessible from the Home screen. You can even launch the camera if the smartphone is in standby – simply touch and hold the icon to launch it.

The BlackBerry 10 camera introduces a number of new features, including the unique and powerful Time Shift setting, a fantastic feature for getting a group shot where everyone is smiling with their eyes open.

The camera also flows with the Pictures app. The most recent picture taken will show up as a thumbnail in the bottom left corner of the display. Tapping it opens the shot in the Pictures app, where you can enhance it, quickly apply a number of filters to it, and easily share it through email, BBM, and social networks like Facebook and Twitter.
**Time Shift & Other Camera Settings**

Time Shift is a unique and fantastic feature for getting a group shot where everyone is smiling with their eyes open.

Stabilization applies an advanced algorithm that works to eliminate the blur you get in a picture when the handset can’t be held in a steady position.

Burst rapidly captures a sequence of shots. Simply tap and hold your finger on the display to take as many sequential shots as you want.

You can select from a variety of Scene modes that are optimized for different lighting conditions and environments.

After taking a shot, simply tap on an individual’s face, then drag the knob to adjust for the best frame.

The most recent picture taken, shows up as a thumbnail in the bottom left corner of the display. Tap on the thumbnail to launch it in the Pictures app where you can edit it.
The Pictures app in BlackBerry 10 includes a very robust set of editing capabilities – you can tap and swipe to apply effects and filters, pinch to crop, enhance images, and do so much more with your pictures than you ever could before.

Upon launching the Pictures app, you get a split-screen view of your most Recently Added and Recently Viewed images, conveniently organized in a grid of well-sized thumbnails. Taping the arrow will expand the grid.

Camera shows the images that you’ve captured on the device, including screenshots. Album displays the collection of pictures on your device that have come from your computer or other sources. You can use BlackBerry Link to sync the pictures between your device and computer.

Tip: Tap the image to toggle the menu bar on and off.

Transform lets you quickly adjust the size of an image or rotate it. There are set transformations that you simply tap on, as well as Free Transform, which lets you drag the dimensions you want.

Enhance lets you manipulate a number of image settings, from adjusting the brightness or contrast to modifying color balances, by simply dragging the slider to the point you want. The Red Eye feature is grayed-out in pictures where no face is detected. There’s also an Auto Enhance capability, which applies a variety of changes depending on characteristics of the picture itself. All of the image enhancements can collectively be applied to a picture.

Artistic and Styles lets you apply preset filters over the original image. There are 8 filters in each of the two categories, and you can apply a combination of an Artistic and a Style filter to the same image, such as Sepia (Artistic filter) and Age Photo (Styles filter), to get an incredible effect.

The Smooth Face and Big Eyes Styles filters only appear when you are working with a picture of someone’s face.

BlackBerry 10 is intelligent enough to know if you’re working with a facial or some other picture. For example, Red Eye Reduction, one of the many image enhancements (Enhance) you can make, is only active if you are editing a picture of someone’s face. It is the same facial recognition technology that isolates faces in the Time Shift feature.
Shooting Video & Story Maker

The cameras in BlackBerry 10 can also shoot high quality video. You have the option of selecting the front or rear facing camera, and while both cameras will shoot HD video, the rear camera captures movies in a higher resolution and supports HD 1080p. In video mode, Stabilization and Scenes are supported for both cameras helping you capture the best video given the conditions you’re in.

Tip: You can zoom the video camera in and out with a two-finger pinch. When you’re happy with the edits you’ve made to a video, tap Done to save the changes.

Story Maker is a powerful wizard-driven app that lets you combine pictures and videos, along with a music track of your choice, to create a fun, impactful movie.

Begin with Create New Story, and then pick the pictures and videos you want for your story. Next, select the music track you want to play in the background. Preloaded tracks are included, but you can use any of your own music. In the final panel of the wizard, you can give your creation a Title and subtitle, as well as two lines for the Credits. When you tap next, Story Maker will play the creation.

As your story plays, you can select a Theme (there are 6) to apply to your creation. You can reorder the sequence of pictures and videos, and change your music selection. You and also selectively edit the content. Once you’re happy with what you have, tap Save and your creation will be rendered as an HD movie that you can play in the BlackBerry 10 video player, and share with friends on sites like YouTube.

Once you shoot a video, you have the option to edit it. You can trim the video to only the part you want, adjust the brightness, color, and contrast, and play with the sound volume. To launch the editor, simply tap on the thumbnail view, then select Edit to open the video editor.
The BlackBerry World Storefront

In BlackBerry 10, the BlackBerry World storefront (formerly known as BlackBerry App World) provides you with access to not just apps, but a giant catalog of music and video content (movies and TV shows) as well.

At launch, there will be tens of thousands of apps in the BlackBerry World storefront, representing more apps than any other new smartphone platform has had upon its debut, with many more new apps being submitted daily.

The BlackBerry World store includes one of the most robust music and video catalogs in mobile today, with an extensive catalog of songs (through 7Digital) and access to popular TV shows and movies (through Rovi Corp.), with most movies coming to the store the same day they are released on DVD.

While RIM continues to work closely with its partner and developer communities to ensure that the most popular applications come to the platform, there is already a great selection of games, productivity apps, utilities, music, photo and lifestyle apps, sports and news apps, and much more, with many of the top “local” apps in the store.

Tip: Tapping on an image, such as music artwork, a movie poster, or a screenshot for an app will enlarge it.

You can tap to narrow to the section you want. The sections can be viewed by various groupings, such as the Top Trending or Top Rated apps, or the Top movies and Top TV shows. There is also a grouping for New Arrivals.
BlackBerry Messenger (BBM) has been a key feature and one of the most compelling apps on the BlackBerry platform. While BBM began as a convenient and effective business messaging tool, today it is an essential part of daily communications offering real-time engagement for customers around the world.

With the launch of BBM version 7 for BlackBerry smartphones running OS 5, 6 or 7, BBM began supporting free voice calls over a Wi-Fi connection. The voice chat feature is also supported in BBM on BlackBerry 10, allowing you to voice chat with any contacts that are running on BlackBerry 5, 6, or 7, as well as those running BlackBerry 10.

For anyone running BlackBerry 10, BBM goes even further, giving you the ability to have video chats as well as share your screen with other BlackBerry 10 contacts.

To initiate a voice or video chat, tap the icon. The icon will grey out when video chat is not available.

BBM shows you that messages have been delivered (D) and read (R).

Tap to get emoticons.

Swipe to the left to get the next page of emoticons.

Tap here to start a group chat.

You can attached a picture, your location or other files.
Some Showcase Apps

Documents To Go has been a staple application enjoyed by BlackBerry customers long before RIM made the investment to acquire DataViz. In BlackBerry 10, the popular app continues to come preinstalled and free. It is fully Microsoft Office compatible, allowing you to view and edit Microsoft Word, Excel, and PowerPoint files, as well as view Adobe PDF files. It also lets you Create a Word doc or Excel sheet from scratch.

Documents To Go includes extensive text formatting features, letting you adjust fonts, sizes and colors, apply formatting such as indents and bulleted lists, and include a powerful multi-level undo/redo capability, in case you change your mind.

Tip: Although you can’t create a PowerPoint file from scratch, you can edit one. Create a blank PowerPoint on your computer and save it to the BlackBerry Z10 smartphone. Use the blank file to “create” PowerPoint files on the smartphone saving (use “Save As”) with a different name each time.

Remember combines memos and tasks into a single experience. It helps you organize and manage information you have on your smartphone around projects or ideas. Like a corkboard or scrapbook, you can collect content such as websites, emails, photos, documents, and other files, and then like a To-Do list, lets you create tasks, assign due dates, and track your progress.

You can create a workbook for each topic, project or interest, and add new entries within each workbook. Entries can include notes you type as well as attachments such as photos, videos, and voice notes. You can attach files from the smartphone or a MicroSD card (if installed). When you attach content, remember to tap Done to save your selections.

Remember can be accessed from any app that makes use of the Share Framework.

If your BlackBerry Z10 smartphone is set up with a work account, your Outlook tasks will automatically be wirelessly synced with Remember. If you have configured an Evernote account with the smartphone, Remember will sync Evernote workbooks as well.
Some Showcase Apps

Compass is a cool showcase app that comes preinstalled with BlackBerry 10. It not only utilizes the internal compass chip, but also the GPS to provide you with your latitude and longitude coordinates and location, as well as the accelerometer, which gives you an amazing effect as you tilt the smartphone. Compass displays True North, but you can toggle the setting to get the Magnetic North reading.

If the “Interference” indicator appears, tap it and follow the instructions to calibrate the compass.

Tip: When the smartphone is in stand-by, swipe down from the top bezel to pull down the shade and go into bedside mode.

The clock application in BlackBerry 10 is another cool showcase app. In addition to setting the time and an alarm, you have a World Clock, Stopwatch and Timer available. Swiping from the top of the Clock lets you instantly put the smartphone in Bedside mode. You can also change the date and time.

The World Clock shows you the local time for major cities around the world. The world map at the top gives you a quick visual indication of what areas around the globe are still in daylight. To add or remove a city, tap Edit and start typing the first few letters of the city you want to add until it appears, then tap it to select it.

Note: Bedside mode dims the clock display and disables sound alerts. You cannot override Bedside mode settings, so for example, if you want keep phone calls sounding but silence everything else, set that in the Settings under Notifications, and don’t pull down the shade.

The Stopwatch works to the tenth of a second and includes a lap timer.

The Timer counts down from a default of 5 minutes. You can change the default by dragging the red dot around the dial. For a countdown great than 1 hour, continue sweeping around the dial past the ‘0’. You can also tap on the digital readout below, to manually set the countdown. Tapping on the speaker icon lets you set the alarm volume and select music (or another audio file) for the alarm.
BlackBerry 10 comes with a new map application that features 2D maps, 3D turn-by-turn directions with voice guided prompts, accurate search with support for voice-activated searches, and traffic data. The map content is vector-based (rather than bit-map based), which is very compact and results in smaller downloads. It also allows for faster rendering when you zoom in and out. The app was custom developed for BlackBerry 10 by TeleCommunication Systems (TCS), a global leader in navigation applications and location-based services (TCS for example makes VZ Navigator for Verizon Wireless). The maps, points of interest, and traffic data is provided by TomTom, who are well-known among consumers for their GPS products.

The Maps APIs in BlackBerry 10 enable 3rd party apps to access location information and use mapping data.

Swiping down from the top bezel let’s you access a variety of Settings, such as avoiding toll roads when calculating a route.

You can instantly initiate a route by entering a Search term or address, or by selecting one of your Favorite locations. For added convenience, Maps keeps track of previous searches you’ve made.

Maps integrates with the Contacts app. Any contact that includes an address will automatically appear in the Contacts tab. You can get directions by simply taping the Contact. You can save locations as Favorites as well as preset your Home and Work locations.

Tap the Go button to initiate turn-by-turn directions.
BlackBerry has always maintained a reputation for security and giving you peace of mind, and BlackBerry 10 continues the long tradition of helping you keep your personal information secure with the renowned BlackBerry security you know and trust. Collectively called BlackBerry Safeguard, BlackBerry 10 has many built-in features that are designed to help protect your information, manage your on-line privacy, and find or lock your smartphone in the event you misplace it.

### Security and Privacy

Permissions, passwords, wipe

**BlackBerry 10 includes extensive Parental Controls.**

You can set Application Permissions by app or type of function, such as Location.
BlackBerry Protect is another free feature for BlackBerry 10 customers. It allows you to remotely secure and locate your smartphone in the event you misplace it. You can also remotely lock or wipe the device. BlackBerry Protect identifies your BlackBerry 10 smartphone through your BlackBerry ID.

BlackBerry Protect is enabled on the smartphone under Settings, and certain features require the phone to be connected to a network (either the cellular network or a Wi-Fi network).

You can manage up to five devices under your BlackBerry ID at one time — such as a BlackBerry 10 smartphone and a BlackBerry PlayBook tablet. The system gives you that allowance in the event you switch from one BlackBerry device to another. You can also remove devices that are no longer associated with your BlackBerry ID.

BlackBerry Protect can show you how much battery life your smartphone currently has. The icon won’t appear until contact has been made with the phone.

As an added measure of protection, the BlackBerry Protect web site will timeout after a few minutes of inactivity and will require that you log in again.

You need to enable Location Services to be able to locate it on a map.

If you’ve misplaced your device, you can locate it on a map (“View Location” — provided you’ve enabled Location Services from the BlackBerry Protect settings on the smartphone) or set it to make a loud audible sound. The sound will run for approximately 1 minute, and you can stop the sound by clicking the lower (-) volume key.

You can remotely Lock the smartphone, display a message like “Please return for a reward... call me at xxx” or completely wipe the data on the device as well as on a MicroSD card you’ve installed. Wiping return the device to its original state and cannot be undone.
BlackBerry Balance

BlackBerry Balance is a feature that is available for customers that are connected to BlackBerry Enterprise Service 10.

It allows your personal information to be separated from your work data. Corporate data remains within a work perimeter that can be managed by administrators, while personal data like apps downloaded from BlackBerry World, personal email accounts, and photos are yours to enjoy.

Beyond accessing the Personal and Work spaces of the device, the experience is further integrated. The Hub of BlackBerry 10, as well as the Calendar app, can contain both personal and work information, allowing you to freely interact with both. BlackBerry Balance automatically locks the work accounts after a set period of time, providing protection for work information without interrupting the personal experience.

Currently running applications appearing on the Active Frames panel and can include both work and personal apps. You’re able to launch apps from both the Personal and Work perimeters and seamlessly multitask between them. Currently running work apps are labeled with a small briefcase icon overlaid onto the Active Frame.

You can switch between personal and work perimeters by swiping down anywhere on application panel. Once you swipe down, “Personal” and “Work” buttons appear. Tapping one of these will take you to the corresponding perimeter where you can manage and access apps and data. Data in the Work perimeter is secure with 256-bit AES encryption.

Your administrator can set up a special storefront for corporate apps.
BlackBerry Link

BlackBerry Link is new desktop software that lets you sync content between your BlackBerry 10 smartphone and computer. You can also use BlackBerry Link to back up and restore data on your device.

BlackBerry Link can manage the data between your computer and a number of BlackBerry 10 device using your BlackBerry ID. Select Sign In to enter your BlackBerry ID.

There are versions of BlackBerry Link available for both PC and Mac computers.
# BlackBerry Z10 Smartphone Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size (L x W x D)</td>
<td>130mm x 65.6mm x 9mm</td>
</tr>
<tr>
<td>Weight</td>
<td>135.4 g</td>
</tr>
<tr>
<td>Display</td>
<td>4.2”, 4 point multi-touch IPS LCD display, 1280 x 768 resolution at 356 PPI,</td>
</tr>
<tr>
<td></td>
<td>Touch On Lens</td>
</tr>
<tr>
<td>Software</td>
<td>BlackBerry 10 OS</td>
</tr>
<tr>
<td>Memory</td>
<td>2 GB RAM, 16 GB Flash, Hot Swappable microSD slot (up to 32 GB)</td>
</tr>
<tr>
<td>Processor</td>
<td>Dual Core 1.5 GHz</td>
</tr>
<tr>
<td>Camera</td>
<td>8 MP rear facing camera, Auto Focus, 5x digital zoom, 1080p HD video recording,</td>
</tr>
<tr>
<td></td>
<td>LED flash</td>
</tr>
<tr>
<td></td>
<td>2MP front facing camera, 3x digital zoom, 720p HD video recording</td>
</tr>
<tr>
<td>GPS</td>
<td>Assisted, Autonomous, and Simultaneous GPS</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>Bluetooth 4.0 Low Energy</td>
</tr>
<tr>
<td>NFC</td>
<td>NFC-enabled to support mobile payments and file exchange</td>
</tr>
<tr>
<td>HDMI</td>
<td>microHDMI out port</td>
</tr>
<tr>
<td>Advanced Sensors</td>
<td>Accelerometer, Magnetometer, Proximity, Gyroscope, Ambient light sensor</td>
</tr>
<tr>
<td>Wi-Fi</td>
<td>Dual Band 802.11 a/b/g/n, Mobile Hotspot</td>
</tr>
<tr>
<td>Network Connectivity</td>
<td>4G LTE or HSPA+, support for global roaming</td>
</tr>
<tr>
<td>Battery Life¹</td>
<td>Talk Time: up to 10 hours on 3G</td>
</tr>
<tr>
<td></td>
<td>Standby Time: up to 305 hours on 3G, up to 316 hours on 2G</td>
</tr>
<tr>
<td></td>
<td>Audio Playback: up to 60 hours</td>
</tr>
<tr>
<td></td>
<td>Video Playback: up to 11 hours</td>
</tr>
</tbody>
</table>

¹ Many factors affect battery life including network, transmission environment, location, usage, software and feature configuration, and battery age.