

Comparison of SmartPhone and Pocket PC Phone

www.Perry-Systems.com - May 2008

In the table below a high end SmartPhone is compared to a Pocket PC Phone. Key differences are highlighted in red. Other Pocket PC Phones which may be of interest are based on the HTC Apache Pocket PC Phone (models HTC6700, HTC 6800, HTC Mogul). These are marketed by Sprint, Verizon, and others.

Web references for more details:

<http://www.mobiletechreview.com/Sprint-PPC-6700.htm>

<http://www.mobiletechreview.com/Verizon-XV6700.htm>

http://pocketpccentral.net/smartphone/help/general/smartphone_ppcp.htm

<http://www.microsoft.com/windowsmobile/smartphone/default.aspx>

The **SmartPhone** has more capability than a CellPhone. It runs a variant of Microsoft Mobile Edition designed for SmartPhones. It has some of the capabilities of Pocket PC 's but it lacks a full size 320x240 pixel screen, and touch-screen with stylus to support Pocket PC applications. This makes it impossible to run applications that are designed for the Pocket PC.

The **Pocket PC Phone** is a full feature Pocket PC with CellPhone functionality and ergonomics. It runs the Microsoft Pocket PC OS, has a 320x240 pixel screen, and a touch-screen with stylus like a Pocket PC. Most units have some form of QWERTY keyboard.

Device Type:	Smart Phone	Pocket PC Phone
Model:	AT&T BlackJack II	U.S. Cellular HTC PPC6800
Overview:	Sleek, smart, and simple to use, the BlackJack II by Samsung features the Windows Mobile 6 operating system, built-in GPS support, 3G downloads, and a large 2.4-inch display. Available in black and ruby, and complete with a QWERTY keyboard and front jog wheel, the BlackJack II takes style and functionality to a new level.	Flexible and feature-rich, the HTC PPC6800 keeps you connected with an easy-to-use touch screen, a slide-out QWERTY keyboard, business and personal e-mail access, Wi-Fi, Bluetooth, and Windows Mobile 6.
Touch-Screen:	No	easy-to-use touch-screen with stylus
Keyboard:	slide-out QWERTY keyboard	slide-out QWERTY keyboard
Operating System:	Windows Mobile 6 Standard	Windows Mobile 6 Professional

Microsoft Outlook Mobile:	Includes Microsoft Office Word Mobile, Excel Mobile, and PowerPoint Mobile	Includes Microsoft Office Word Mobile, Excel Mobile, and PowerPoint Mobile
Dimensions:	4.4" x 2.3" x 0.4"	4.3" x 2.3" x 0.7"
Weight:	3.52 ounces	5.8 ounces
Display resolution:	2.4" 65K TFT Display Screen	2.8" QVGA TFT LCD, 240x320 pixel 64k touch-screen
Camera:	2.0 megapixel camera and video recorder	2-megapixel camera with flash, auto focus, and camcorder
Built-in memory:	256 MB ROM/ 126 MB RAM	256MB ROM
Expandable memory:	micro SD	micro SD
Battery Life:	Talk time: 7 hours, Standby time: 14 days	Use time: 4.1 hours, Standby: up to 14.8 days
Connectivity:	Version 2.0, Quadband GSM / GPRS/EDGE,(850/900/1800/1900 Mhz) world Phone	Version 2.0 with stereo support, WiFi, Infrared, CDMA Dual-Band, CDMA2000 1X/EV-DO