






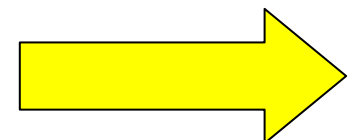











# NEWEST Palm OS - PDAs models (sorted by price):

								
<b>Product</b>	<b>Palm Z22</b>	<b>Palm Tungsten E2</b>	<b>Palm Tungsten T5</b>	<b>Treo 650</b>	<b>LifeDrive</b>	<b>T/X</b>	<b>Treo 700 w or p</b>	<b>Treo 755p</b>
<b>Memory in MB (RAM)</b>	<b>32</b> (~20 actual storage to user) ***	<b>32</b> (~26 actual storage; flash memory) ***	<b>256</b> (~215 actual storage; 160mb flash memory) ***	<b>32</b> (~22 actual storage) ***	<b>4GB hard drive 16mb of ROM</b> *****	<b>128</b> flash memory ROM (~100 actual storage) ***	<b>128</b> (~60 usable) *****	<b>128</b> (~60 usable) *****
<b>Expandable Memory</b>		MM/SD	MM/SD	MM/SDSDIO	MM/SD/SDIO	MM/SD/SDIO	MM/SD/SDIO	MM/SD/SDIO Up to 4GB card
<b>Operating System</b>	Palm OS 5.4	Palm OS 5.4	Palm OS 5.4	Palm OS 5.4	Palm OS 5.4	Palm OS 5.4	Windows mobile 5.0 / Palm OS 5.4	Palm OS 5.4
<b>CPU Speed MHz</b>	<b>200</b> ***	<b>200</b> <small>ARM-Xscale</small> ***	<b>416</b> <small>XSCALE</small> *****	<b>312</b> <small>PXA270</small> ***	<b>416</b> <small>XSCALE</small> *****	<b>312</b> <small>ARM Intel PXA270</small> ***	<b>312</b> <small>XSCALE</small> ***	<b>312</b> <small>XSCALE</small> ***
<b>Resolution</b>	Color 160 x 160	Color 320 x 320	Color 320 x <b>480</b> (larger screen)	Color 320 x 320	Color 320 x <b>480</b> (larger screen)	Color 320 x <b>480</b> (larger screen)	Color 240 x 240	Color 320 x 320
<b>Camera</b>	-	-	-	Camera (0.31MP)			Camera (1.3MP)	Camera (1.3MP)
<b>Select Options</b>		Bluetooth wireless, MP3, email, web	Bluetooth wireless, MP3, file transfer, email, web	<b>PHONE</b> , MP3, bluetooth wireless, camera (0.3MP), web, email, messaging	MP3, bluetooth wireless, <b>Wi-Fi</b> , voice recorder, drag & drop files, USB 2.0 transfer, email, web	MP3, bluetooth wireless, <b>Wi-Fi</b> , USB transfer, email, web	<b>PHONE</b> , MP3, bluetooth wireless, camera (1.3MP), web, email, instant messaging, VPN security	<b>PHONE</b> , MP3, bluetooth wireless, camera (1.3MP), video, web, email, google maps, instant messaging, VPN security
<b>Cost \$ CDN (changes rapidly)</b>	<b>150</b>	<b>300</b>	<b>450</b>	<b>500</b> (eg. Rogers/3yr) (deals often with activation of phone contract)	<b>600</b>	<b>&lt;400</b>	(deals often with activation of phone contract)	(deals often with activation of phone contract)

Typically the only stand alone PDA's sold in Canada are the **Z22** (lowest cost), the **E2** and the **T/X**. There are various **phone + PDA** combinations available (eg. Treo 700, 750 & 755).



## Select list of Palm OS - PDAs (sorted by price):

									
<b>Product</b>	<b>Palm Tungsten E</b>	<b>Sony CLIE PEG-TJ27</b>	<b>Palm Zire 71</b>	<b>Palm Zire 72</b>	<b>Sony CLIE PEG-TJ37</b>	<b>Sony CLIE PEG-TH55</b>	<b>Palm Tungsten T3</b>	<b>Palm Tungsten C</b>	<b>Kyocera 7135/Treo 600</b>
<b>Memory in MB (RAM)</b>	<b>32</b> (~28 actual storage) ***	<b>32</b> ***	16	<b>32</b> (~24 actual storage) ***	<b>32</b> (~23 actual storage) ***	<b>32</b> (~29 actual storage) ***	<b>64</b> (~52 actual storage) ****	<b>64</b> (~51 actual storage) ****	16 / 32
<b>Expandable Memory</b>	MM/SD	MS	MM/SD	MM/SD	MS	MS	MM/SD	MM/SD	MM/SD
<b>Operating System</b>	Palm OS 5.2	Palm OS 5.2	Palm OS 5.2	Palm OS 5.2	Palm OS 5.2	Palm OS 5.2	Palm OS 5.2	Palm OS 5.2	Palm OS 4.1 / 5.2
<b>CPU Speed MHz</b>	126 <sub>OMAP 311</sub> **	200 ***	144 **	312 <sub>PXA270</sub> ****	200 ***	300 ****	<b>400</b> <sub>XSCALE</sub> *****	<b>400</b> <sub>PXA255</sub> *****	33 / 144
<b>Resolution</b>	Color 320 x 320	Color 320 x 320	Color 320 x 320	Color 320 x 320	Color 320 x 320	Color 320 x <b>480</b> (larger screen)	Color 320 x <b>480</b> (larger screen)	Color 320 x 320	Color
<b>Camera</b>	-	Camera (0.31MP)	Camera (~0.3MP)	Camera ( <b>1.2MP</b> )	Camera (0.31MP)	Camera (0.31MP)	-	-	- / Camera (0.31MP)
<b>Select Options</b>			MP3	Voice recorder, Bluetooth wireless, email, web	<b>wire less LAN</b> , MP3, handwriting	<b>wire less LAN</b> , MP3, voice recorder	Bluetooth wireless, MP3, voice recorder	<b>wire less LAN</b> , MP3, voice recorder; <b>built-in Keyboard</b>	<b>PHONE</b> , MP3, GPS locator / <b>PHONE</b> , MP3,
<b>Cost \$ CDN (changes rapidly)</b>	<b>300</b>	<b>No longer available?</b>	<b>&lt; 300?</b>	<b>300</b>	<b>No longer available?</b>	<b>No longer available?</b>	<b>&lt; 500</b>	<b>&lt;600</b>  Size: little larger/heavier	<b>700/100-250 ?</b> (eg. Rogers-Sasktel) (deals often with activation of phone contract)

CPU=central processing unit LAN=Local Area Network (Wi-Fi) MB=Megabyte MM/SD = multimedia or secure digital MP=MegaPixel MP3=music format MS= memory stick

If multiple medical applications are installed to the PDA then having **≥32MB RAM** device is often essential.

**Faster CPU** - ensures the program is loaded faster, thus quickly finding answers to questions.

**Memory cards** - ensure expandability (eg. **SD cards e.g. with 256MB - 2GB** are ~\$40-130); note Sony models use Memory Stick (MS) card.

Non-Palm models – may require extra software if syncing with **Macintoshes** (as opposed to Windows)

**Bluetooth**: can connect wirelessly to a bluetooth compatible computer or peripheral over short distance

**Wireless LAN** – can connect to network for internet / email etc. if within range of the local wireless area (e.g. some universities, hotels, cafes, etc.)

Others: **Palm m505 (old)**; 8MB memory, MM/SD; Palm OS 4.0 or 4.1; 33MHz; Color 160 x 160 Screen.

**Palm Zire 31**; 16MB memory; MM/SD; Palm OS 5.2; 200MHz; \*\*\*; Color 160 x 160 Screen.

**See also:** 1. Consumer Reports review “PDAs for a networked world” July 2004; 2. *Handheld Recommendations* Faculty of Med, Dalhousie University. <http://handheld.medicine.dal.ca>

**Disclaimer:** Although every effort is made to ensure information is correct, readers should consult manufacturer’s specifications to ensure accuracy.

This comparison has been designed to assist health professionals in Saskatchewan in the selection of Palm OS – PDAs, suitable for medical/drug information. Developed by: Loren Regier BA, BSP & Brent Jensen BSP.