

PERSONAL DIGITAL ASSISTANT

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❖ What is PDA?

A PDA has an electronic visual display. Most models also have audio capabilities, allowing usage as a portable media player, and also enabling many of them to be used as telephones. Nearly all modern PDAs can access the Internet, intranets or extranets via Wi-Fi or Wireless WANs, letting them include a web browser. Sometimes, instead of buttons, PDAs employ touchscreen technology.



❖ What does PDA use for?

- PDAs are used for Web browsing, office applications, watching videos, viewing photos or as mobile phones. PDA model features vary, but current common features include touch screen displays, Bluetooth and Wi-Fi connectivity, memory card slots, mobile software applications and multimedia support.



❖ Models of PDA

❑ *Includes:*

1) Apple's Siri



2) Microsoft's Cortana



3) Amazon's Alexa



❖ Siri

- ❑ Is a virtual assistant that is part of Apple Inc.
- ❑ It uses voice queries, gesture based control, focus-tracking and a natural-language user interface to answer questions, make recommendations, and perform actions by delegating requests to a set of Internet services. With continued use, it adapts to users' individual language usages, searches and preferences, returning individualized results.

❖ Cortana

- ❑ Cortana is a virtual assistant developed by Microsoft that uses the Bing search engine to perform tasks such as setting reminders and answering questions for the user.
- ❑ Cortana is currently available in English, Portuguese, French, German, Italian, Spanish, Chinese, and Japanese language editions, depending on the software platform and region in which it is used.

❖ Alexa

- ❑ Is a virtual assistant technology largely based on a Polish speech synthesiser named Ivona
- ❑ It is capable of voice interaction, music playback, making to-do lists, setting alarms, streaming podcasts, playing audiobooks, and providing weather, traffic, sports, and other real-time information, such as news.
- ❑ Alexa can also control several smart devices using itself as a home automation system.