

Computer Know How Series

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Purchasing the Right Device for You – Thursday December 8th 2016 @ 2pm

<http://www.aehost.net/morpd> or <http://www.morpd.com>

1) Hardware

a. Computers

i. Form Factors/Types

1. Desktop, Laptop, 2n1, Tablet, AIO (All-in-One)

ii. Manufactures

1. Dell, HP, Toshiba, Microsoft, Apple, etc

iii. Specifications

1. CPU (_____ _____) – Core i7 & i5 - 7th generation (7xxx)
2. Memory – 4GB+ but commonly 8-16GB (GB = _____)
3. Screen, HD (Hard Drive), Optical Drive, NIC (Network Interface Card), Bluetooth, Battery

b. Peripherals

- i. Monitor(s) – Size Size Size (Vertical Height is Important), Optimal Resolution, HD (High Definition) & 4K HD, Multiple Displays
 - ii. Keyboard and Mouse – Wired, Wireless, Standard, Natural/Ergonomic
 - iii. Printer/Scanner/Copier/Fax/All-in-One (AIO) – ePrint/AirPrint, Network (Wi-Fi, Wired)
 - iv. Storage & Backups – USB, Network (NAS), Size (GB, TB), Speed (Mb, Gb)
 - v. Network Equipment – Routers, Switches, Access Points, Extenders, Surveillance DVR/NVR
 - vi. TV vs Display – not all screens are equal.
- ### c. Smart Phones, Phablets, Tablets & Cameras (DSLR – Digital Single-Lens Reflex)
- i. Manufactures – Apple, Google, Samsung, LG, Motorola, etc
 - ii. Carriers – AT&T, Sprint, T-Mobile, Verizon
 - iii. Screen Size, Cameras (Mega-Pixels??), Wi-Fi (AC/N/G), Bluetooth, Batteries, Accessories
 - iv. Purchase vs. Lease (Upgrade Plans)

2) Software

a. Operating System(s)

- i. Windows 10 – Home, Professional, Phone
- ii. Apple OS X – Desktop and Laptop & iOS – iPhone, iPad, iPod Touch
- iii. Android – Ice Cream, Jelly Bean, KitKat, etc

b. Productivity – Word Processing, Spreadsheets, Presentations

- i. Microsoft Office – Home & Student, Home and Business, Professional
- ii. Apple iWork – Pages, Numbers, Keynote
- iii. Others – Word Perfect, Open Office, Lotus

c. Other – Browsers, E-mail Apps, PDF Reader/Writer

3) Recommendations

- a. Research items to find what you would like and Budget
- b. Learn terminology so you know what to look for.
- c. Don't let sales persons push what they want to sell.
- d. Have fun in the process and enjoy your new purchase.

4) Links

- a. Manufactures – Dell www.dell.com, HP www.hp.com, Toshiba www.toshiba.com, Microsoft www.microsoft.com, Apple www.apple.com
- b. Online Retailers – Amazon www.amazon.com, eBay www.ebay.com
- c. Warehouse Stores – Costco www.costco.com, Sam's Club www.samsclub.com
- d. Retailers – Walmart www.walmart.com, Target www.target.com, Staples www.staples.com, Office Depot www.officedepot.com, Best Buy www.bestbuy.com, Fry's Electronics www.frys.com, etc