

Technote: Desktop Standards

Desktop, Laptop and Phone Configurations

Summary:

This document will describe the current hardware for desktop computer, laptop, tablet and VOIP phone configurations.

Purpose:

Racine County currently uses Dell desktops, laptops and tablet computers. The phones are CISCO phones. The current computer configurations will be described here. Since the configuration and models will change over the course of time, this document will change too.

The computer configurations described here contain the “standard configuration”. There may be times when a County computer, Desktop, Laptop, or Tablet needs a different configuration for more power, more drive space or restrictions otherwise unique to the need. The configuration prices do fluctuate slightly with market prices, so these are ‘estimated costs’.

Even though these are the “standards” in terms of what is used in Racine County, these items are leased for the Racine County staff use.

Hardware

Hardware – Desktop

- Dell Optiplex 3060
- Small form factor case
- Intel i5-8500 Processor(6 core, 8MB), 3.8 Ghz
- 8.0 GB RAM, DDR4
- Windows 10 Professional, 64-bit
- Dell USB Keyboard
- Dell optical wheel mouse
- Integrated graphics, Display Port, HDMI
- 500 GB hard drive, 7200 RPM, SATA
- 8x DVD +/- RW
- 85% efficient power supply
- 4 yr basic warranty and Next Business Day Onsite Service

Purchase price	\$650
Lease price	\$155 per year/ 4 yr lease

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Hardware – Desktop Monitor

Dell P2018H
20" LED
1600 x 900 pixel resolution
1000:1 (typical) contrast ratio
5ms response
Adjustments for height, rotation, tilt
HDMI, Display port, USB Interfaces

Purchase only \$155
No lease option

Hardware – Laptop

Dell Latitude 5000 Series (5590)
15.6" wide screen (1366x768 resolution) Anti-glare
Intel i5-8500 Processor(4 core, 1.6.0 Ghz, 6MB cache)
Windows 10 Pro license 64-bit
8.0 GB Ram, 1 DIMM, DDR4
256 GB M.2 SATA Class 20, Solid State drive
802.11 ac/g/n wireless Wi-Fi + Bluetooth
(1) 65 watt charger
(1) 4 cell Lithium battery
4 yr Complete Care accident protection warranty, NBD Onsite Service

Purchase price \$1385
Lease price \$320 per year/ 4 yr lease

Dell Laptop Dock

Purchase price \$200
Lease price \$ 45 per year/ 4 yr lease

Options for purchase only

Carrying case, Dell Professional case is \$55 additional

Wireless mouse is \$25 additional

Wireless keyboard/mouse combo is \$35 additional

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Hardware – Tablet

Dell Latitude 5290
12.3” touch screen (1920x1280)
Intel i5-8350U Processor(4 core, 1.6 Ghz, 3MB cache,15W)
Windows 10 Pro license 64-bit
8.0 GB Ram, 1 DIMM, DDR3
256 GB, M.2 Class 40, Solid State drive
802.11 ac/g/n wireless Wi-Fi + Bluetooth
Keyboard cover
(1) 65 watt charger
(1) 4 cell Lithium battery
4 yr Complete Care accident protection warranty, NBD Onsite Service

Purchase price	\$1950
Lease price	\$470 per year/ 4 yr lease

Dell Tablet Dock

Purchase price	\$200
Lease price	\$ 45 per year/ 4 yr lease

Options for purchase only

Docking station (dual display,USB 3.0, eSATA) \$200 additional
Active Pen \$130 additional
Bluetooth mouse \$50 additional

Standard Software includes

Operating System – Windows 10 Pro
Microsoft Office 365, Acrobat Reader, Sophos

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VOIP Phones

There are two main types of phones in use for Racine County; a “standard phone” and a “common phone”. A “standard desktop phone” is assigned to specific person. This type of phone is usually located in their office. A “common area phone” is usually located in a hallway or meeting room and is not usually assigned to a person. There is some functionality and initial price difference between the two.

Standard Desktop phone	\$360
CISCO model 8851	
5 line, Color	

Requires

Initial phone license	\$150
Annual phone license	\$ 20

VOIP Wireless phone

CISCO 7925G**	\$440
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Options

<i>Desktop charger</i>	\$125
<i>Multi-phone charger</i>	\$405
<i>Ruggedized case</i>	\$ 79
<i>Leather Case</i>	\$ 35
<i>Holster case</i>	\$ 23

Requires

Initial phone license	\$150
Annual phone license	\$ 20

**This phone will require a solid signal from an already installed, County based, wireless access point. To see if an available Access point is located in your area to use a VOIP wireless phone service, please contact Information Systems. An access point is \$500.