

Technote: Desktop Standards

Desktop, Laptop and Phone Configurations

Summary:

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

Purpose:

Racine County currently uses Dell desktop and laptop computers and 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 have to change too.

The computer configurations described here contain the “standard configuration”. There may be times when a County computer, Desktop or Laptop, 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’.

Hardware

Hardware – Desktop

\$ 675

Dell Optiplex 3020
Small form factor case
Intel i5-4590 Processor(Quad core, 6MB), 3.3 Ghz
4.0 GB RAM, DDR3
Windows 7 Professional, 64-bit
Dell USB Keyboard
Dell optical wheel mouse
Integrated Video, HD4600, VGA, Display Port
500 GB hard drive, 7200 RPM, SATA 3.0 Gb/s
8x DVD +/- RW
90% efficient power supply
3 yr basic warranty and Next Business Day Onsite Service

Hardware – Desktop Monitor

\$ 155

Dell P2014H
20” LED
1600 x 900 pixel resolution
1000:1 (typical) contrast ratio
5ms response
Adjustments for height, rotation, tilt

Technote: Desktop Standards

VGA, DVI-D, USB Interfaces

Hardware – Laptop

\$ 1155.00

Dell Latitude 15 5000 Series (E5570)
15.6" wide screen (1366x768 resolution) Anti-glare
Intel i5-6300U Processor(2.4.0 Ghz, 3MB cache)
Windows 7 Pro installed / Windows 10 Pro license 64-bit
4.0 GB Ram, 1 DIMM, DDR4
256 GB Solid State drive
802.11 ac/g/n wireless Wi-Fi + Bluetooth
(1) 65 watt charger
(1) 3 cell Lithium battery
3 yr Complete Care accident protection warranty, NBD Onsite Service

Options

8x CD/DVD +/- RW (USB) \$50 additional
256 GB Solid State Drive \$175 additional
8.0 GB RAM \$60 additional
4-cell Lithium battery \$30 additional
E-Port docking station (dual display, USB 3.0, eSATA) \$190 additional
Carrying case, Dell Professional case is \$55 additional
90 watt AC power adapter (extra) \$75 additional
5 yr Complete Care is \$295 additional

Hardware – Laptop

\$ 785.00

Dell Latitude 15 3000 Series (E3560)
15.6" wide screen (1366x768 resolution) Anti-glare
Intel i3-5050U Processor(2.0.0 Ghz, 3MB cache,15W)
Windows 7 Pro installed / Windows 10 Pro license 64-bit
4.0 GB Ram, 1 DIMM, DDR43L
128 GB Solid State drive
802.11 ac/g/n wireless Wi-Fi + Bluetooth
(1) 65 watt charger
(1) 4 cell Lithium battery
3 yr Complete Care accident protection warranty, NBD Onsite Service

Options

8x CD/DVD +/- RW (USB) \$50 additional
256 GB Solid State Drive \$175 additional
8.0 GB RAM \$55 additional
6-cell Lithium battery \$30 additional
E-Port docking station (dual display, USB 3.0, eSATA) \$190 additional
Carrying case, Dell Professional case is \$55 additional
90 watt AC power adapter (extra) \$55 additional
5 yr Complete Care is \$200 additional

Technote: Desktop Standards

Hardware – Microsoft Surface Pro 4

The Microsoft Surface Pro 4 comes in predefined configurations.

The prices here are for a 4 yr Complete Care (full accidental) warranty

i5-6300 / 4.0 GB RAM / 128 GB HD	\$1450
i5-6300 / 8.0 GB RAM / 256 GB HD	\$1740
i5-6300 / 16.0 GB RAM / 512 GB HD	\$2325
Keyboard cover	\$105
Docking Station	\$155
Bluetooth mouse	\$ 50
Surface Pro 3-in-1 Accessory kit (NIC,VGA,HDMI)	\$ 58

Software

Licenses **\$ 475**

In order to connect a new PC, or a “trickle down” PC, to the Racine County network it must be licensed properly. The software licenses include all required Microsoft licenses as well as County based licenses. If a computer is a “replacement” computer, these licensing costs are not needed, as all licenses will be transferred from the original computer.

1. Microsoft Network CAL
 2. Microsoft Exchange Email CAL
 3. Virus Scanning License
- Required - all three above \$ 100
4. Microsoft Office License \$ 368

Standard Software

Operating System – Windows 7
Microsoft Office 2010, Acrobat Reader,
Sophos , IBM Client Access

Technote: Desktop Standards

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 7942	
2 line, monochrome	

Requires

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

Common area phone

CISCO model 7911	\$135
1 line, monochrome	

Requires

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

VOIP Wireless phone

CISCO 7925G**	\$440
---------------	-------

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.