

Computers Scenario

Jenny is looking to buy a new computer for college this year. Jenny has \$1,000.00 to spend on her computer. She wants the computer to have warranty. She would also like the operating system to be Windows 7. Jenny wants a screen no smaller than 15” and she would like to have a large memory so she can keep all her school and work information saved. Jenny must absolutely have security software on the computer. If possible Jenny would like to have a webcam built in to the computer so she can talk to her family because Jenny lives far away from them. Please help Jenny find the perfect computer for college.



#1

Inspiron 17R Laptop
17" HD display and Blu-ray player
Market Value \$1137⁹⁹
Total Savings \$388.00
Dell Price \$749⁹⁹

Processor: 2nd generation Intel® Core™ i5-2430M processor 2.40 GHz with Turbo Boost 2.0 up to 3.00 GHz

Operating System: Genuine Windows® 7 Home Premium, 64-Bit, English

Display: 17.3" HD+ (1600 x 900) LED Display with TrueLife™

Memory: 8GB Dual Channel DDR3 SDRAM at 1333MHz

Hard Drive: 500GB SATA hard drive (5400RPM)

Video Card: NVIDIA® GeForce® GT 525M (128-bit) 1GB

Optical Drive: Blu-ray Disc (BD) Combo (Reads BD and Writes to DVD/CD)

Case Color: Switch by Design Studio - Diamond Black

Wireless: Intel® Centrino® Wireless-N 1030, 1x2 bgn + Bluetooth

Security Software: McAfee® SecurityCenter, 15-Months

Primary Battery: 48 WHr 6-cell Lithium Ion Primary Battery

Webcam: Integrated 1.0 mega pixel widescreen HD Webcam

Warranty: 1 Year Basic Support

Weight: 7.14 lbs



#2

Inspiron 15R Laptop
Market Value \$648⁹⁹

Total Savings \$49.00

Dell Price \$599⁹⁹

Processor: 2nd generation Intel® Core™ i3-2330M processor 2.20 GHz

Operating System: Genuine Windows® 7 Home Premium, 64-Bit, English

Display: 15.6" High Definition (720p) LED Display with TrueLife™

Memory: 6GB Dual Channel DDR3 SDRAM at 1333MHz

Hard Drive: 500GB SATA hard drive (5400RPM)

Video Card: Intel HD Graphics/HD Graphics 3000 with up to 1.6GB Dynamic Video Memory

Optical Drive: 8X Tray Load CD/DVD Burner (Dual Layer DVD+/-R Drive)

Case Color: Switch by Design Studio - Diamond Black

Wireless: Intel® Centrino® Wireless-N 1030, 1x2 bgn + Bluetooth

Security Software: McAfee® SecurityCenter, 15-Months

Primary Battery: 48 WHr 6-cell Lithium Ion Primary Battery

Webcam: Integrated 1.0 mega pixel widescreen HD Webcam

Warranty: 1 Year Basic Support

Weight: 5.84 lbs



#3

Inspiron 15 (N5040) Laptop

Market Value \$558⁹⁹

Total Savings \$59.00

Dell Price \$499⁹⁹

Processor: Intel®Core™ i3-380M 2.53Ghz / 3M

Operating System: Genuine Windows® 7 Home Premium, SP1 64-Bit, English

Display: 15.6" High Definition (720p) LED with TrueLife™ Display and Integrated Webcam

Memory: 4GB Single Channel DDR3 SDRAM at 1333MHz

Hard Drive: 500GB SATA hard drive (5400RPM)

Video Card: Intel® HD Graphic

Optical Drive: 8X CD / DVD Burner (Dual Layer DVD+/-R Drive)

Case Color: Obsidian Black

Wireless: Dell Wireless™ 1502 802.11b/g/n

Security Software: McAfee® SecurityCenter, 15-Months

Primary Battery: 6-Cell Lithium Ion Primary Battery

Warranty: 1 Year Mail-in Repair in 10-14 days after Remote Diagnosis

Weight: 5.2 lbs



#4

Inspiron 17R Laptop
Market Value \$1462⁹⁹
Total Savings \$563.00
Dell Price \$899⁹⁹

Processor: 2nd generation Intel® Core™ i7-2670QM processor 2.20 GHz with Turbo Boost up to 3.10 GHz

Operating System: Genuine Windows® 7 Home Premium, 64-Bit, English

Display: 17.3" HD+ (1600 x 900) LED Display with TrueLife™

Memory: 8GB Dual Channel DDR3 SDRAM at 1333MHz

Hard Drive: 500GB SATA hard drive (5400RPM)

Video Card: NVIDIA® GeForce® GT 525M (128-bit) 2GB

Optical Drive: Blu-ray Disc (BD) Combo (Reads BD and Writes to DVD/CD)

Case Color: Switch by Design Studio - Diamond Black

Wireless: Intel® Centrino® Wireless-N 1030, 1x2 bgn + Bluetooth

Security Software: McAfee® SecurityCenter, 15-Months

Primary Battery: 48 WHr 6-cell Lithium Ion Primary Battery

Webcam: Integrated 1.0 mega pixel widescreen HD Webcam

Warranty: 1 Year Basic Support

Weight: 7.14 lbs

Computers Placing & Reasons

Placing: 1 – 4 – 2 – 3

#1- Inspiron 17R Laptop

- \$749.99
- Windows 7
- 17.3” HD screen
- 8 GB Memory
- McAfee Security (15 months)
- Webcam – integrated 1.0 mega pixel
- Warranty: 1 Year Basic Support

I place 1 first because 1 included everything that Jenny asked for such as, under \$1,000.00, Windows 7, a screen larger than 15” with a 17.3” screen, large memory with 8GB, security software with McAfee Security for 15 months, a webcam, and warranty with 1 year of basic support.

#4- Inspiron 17R Laptop

- \$899.99
- Windows 7
- 17.3” HD screen
- 8GB memory
- McAfee Security (15 months)
- Webcam – integrated 1.0 mega pixel
- Warranty: 1 Year Basic Support

I place 4 second because 4 included everything that Jenny wanted just like 1 did, but 4 was more expensive at \$899.99 with a difference of \$150.00 from 1.

#2- Inspiron 15R Laptop

- \$599.99
- Windows 7
- 15.6” HD screen
- 6 GB memory
- McAfee Security (15 months)
- Webcam – integrated 1.0 mega pixel
- Warranty: 1 Year Basic Support

I placed 2 third because granted 2 included all the feature that Jenny asked for in the scenario, I criticize that the memory of 6GB was less than the 8 GB that 1 and 4 had, and 2 has a smaller screen of 15.6” compared to the 17.3” screen that 1 and 4 have.

#3- Inspiron 15 (N5040) Laptop

- \$499.99
- Windows 7
- 15.6” HD screen
- 4 GB memory
- McAfee Security (15 months)
- Warranty: 1 Year Mail-in Repair in 10-14 days after Remote Diagnosis
- NO WEBCAM

I place 3 last because although it was the least expensive computer at \$499.99, 3 did not include a webcam that Jenny asked for to talk to her family. Also 3 has a small screen like 2 and had the least amount of memory space of all the computers in the class with 4 GB, which would not hold as much memory as Jenny would get with 2 or 4 with the 8 GB.