The Best Deal between Two Computers

Introduction

*Dell Precision M6500 VS Dell Latitude 6430u*

Purchasing a computer requires some research for the best deal. Dell Precision M6500 is a 17 Inch display computer with a processor type of Intel i7 940XM (Top 10 Desktop-Replacement Laptops, 2011). On the other hand, Dell Latitude 6430u is a 14 Inch display computer with a processor type of Intel i7 Intel CoreTM 3667U (Jacobi, 2013). The processor details of the two computers are that Dell Precision M6500 is Intel CoreTM i7X (940XM) while the processor detail for Dell Latitude 6430u is Intel Core i7-3667U 2.0GHz (Top 10 Desktop-Replacement Laptops, 2011).

The speed of the processors for the two computers is 3.06 GIGAHERTZ for Dell Precision M6500 while Dell Latitude 6430u has a processor speed of 2 GIGAHERTZ (Course Technology, 2010). Furthermore, looking at the battery life for the two computers, Dell Latitude 6430u is better with a battery life of 7 hours compared to that of Dell Precision M6500 that has 2 hours of battery life (Jacobi, 2013). The OS version that is used with Dell Precision M6500 is windows 7Pro while Dell Latitude 6430u uses windows 8 (Top 10 Desktop-Replacement Laptops, 2011).

Comparing the two computers based on their RAM, Dell Precision M500 has a RAM type of DDR3 SDRAM similar to that of Dell Latitude 6430u (Top 10 Desktop-Replacement Laptops, 2011). However, the two computers differ based on their RAM size whereby Dell Precision M6500 has a Ram of 32GB while Dell Latitude 6430u has a Ram of 16GB (Course Technology, 2010). Dell Precision M6500 has a RAM speed of 1,333 and 4 DIMM Slot(s) RAM slots while Dell Latitude 6430u has a RAM speed of 1,600 and 2 DIMM Slot(s) RAM slots (Top 10 Desktop-Replacement Laptops, 2011). About the connectivity and other features, Dell Precision M500 has Bluetooth similar to Dell Latitude 6430u for wireless connectivity (Course Technology, 2010).

Furthermore, Dell Precision M6500 has Headphone Output, USB 2.0, USB 3.0, and VGA. Dell Latitude 6430u also has USB 3.0, Headphone Output and VGA as well as Ethernet Port and HDMI (Jacobi, 2013). The features that Dell Precision M6500 has include Built-In Webcam, Fingerprint Reader, GPS Capability as well as Wireless Display Capability (Course Technology, 2010). On the other hand, Dell Latitude 6430u has Backlit Keyboard, Fingerprint Reader, Memory Card Reader, HD Display, GPS Capability as well as Wireless Display Capability (Jacobi, 2013). There are some differences between the two computer models based on their pixel density whereby Dell Precision M6500 has 100 PPI while Dell Latitude has 112 PPI (Jacobi, 2013).

The two computers uses LED display technology. Comparing the two computers based on their graphics, Dell Precision M6500 has NVIDIA while Dell Latitude 6430u has Intel for the Graphics Card Brand (Dell unveils powerful, new mobile workstation, 2010). The optical drive for the two computers is DVD±RW (Jacobi, 2013). Dell Precision M6500 has a folded height of 1.35 inches while Dell latitude 6430u has a folded height of 0.82 inches. Dell Latitude 6430u is lighter in weight with 3.7 pounds while Dell Precision weighs 8.4 pounds (Jacobi, 2013). The warranty for Dell Latitude is 36 months compared to that of Dell Precision M6500 that is 12 months (Course Technology, 2010). About the prices, Dell Precision M6500 is expensive at about $1,699 while Dell Latitude 6430u is $1,297. Therefore, from the above comparison, the overall best deal would be Dell Latitude 6430u (Jacobi, 2013).

References

Course Technology. (2010). *Buyers Guide Tips for Puchasing Technology Coursenotes*. Course Technology Ptr.

Dell unveils powerful, new mobile workstation. (2010). *Computer Graphics World*, (1). 5.

Jacobi, J. L. (2013). Dell's Latitude 6430u is consistently high quality. *PC World*, (6). 44.

Top 10 Desktop-Replacement Laptops. (2011). *PC World*, *29*(2), 54.