

Here's the info:

BACKGROUND PAPER
ON
CLASS OF 2013 CADET COMPUTER ISSUE

Issue Date: Monday, 3 August 2008

Specifications:

- Fujitsu model T5010 tablet computer
- Intel Core 2 Duo P8600 (2.4 GHz)
- Intel GM45 Express chipset
- 4GB memory (DDR3 1066 SDRAM)
- 120GB Hard Drive
- 123.3" XGA 1280x800 LCD with active digitizer
- DVD+/-RW
- Port replicator with 2nd power charger
- Integrated Smart Card Reader
- Second drive-bay battery
- Integrated 10/100/1000 Ethernet
- Wireless 802.11a/g/n
- External Mouse and Keyboard
- 4 years parts-only warranty (includes batteries)

Costs:

- \$1,899.86 For all the above via CDWG contract with AAFES
- \$ 111.17 Accessories (bag, lock, network cable, power strip)
- \$2,051.25 Total with 2% AAFES fee

Software Pre-Loaded:

- Windows XP SP3
- Office 2007, Symantec Anti-Virus
- USAFA licensed software for classes (e.g. SolidWorks, VBrick, Raptor, etc.)
- Software costs approximately \$140/cadet and is charged in Sep

Items Not Included:

- Personal printer (inkjet or laser with USB 2.0 cable) – \$60 - \$200
- 19"-24" flat panel for their rooms (analog or digital-DVI) - \$200 - \$400
- These items make good gifts for parents or grandparents to buy them over Parents' Weekend.

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There are some exceptions for long names, e.g. Christopher shortened to Chris

Common Issues and Questions:

- **Why tablet computers?** – The selection committee decided the pedagogical reasons for tablets out-weighed the increased cost and weight. The tablet can be used for taking hand-written notes in class, including math formulas, drawings, diagrams, etc.
- **Who were the other competitors?** Dell, Lenovo-WWT, HP-NMJ, Toshiba-CTI
- **Why not Windows Vista?**
 - Windows XP SP3 is stable and works well, plus we have FIPS certified wireless drivers for this version.
 - We will skip Vista and go straight to Windows 7.0 once it is released this fall.
- **Can upperclass cadets buy the same computer?** Yes, they need to email Larry Bryant before 20 July, so one can be delivered on 3 Aug for them. CDWG-Fujitsu will also make a web site for staff personal purchases.
- **Printers** are not included in the computer purchase for several reasons:
 - It is a “personal preference” item – some want cheap black and white, while others want high-quality photo printers.
 - They are not necessary, since we provide squadron printers.
 - They make good gifts for parents and grandparents.
- We teach “**computer ethics**” in Comp Sci 110 to convince cadets that certain common practices done in high school (e.g. illegally copying music or movies) are no longer acceptable and are punishable.

I'll be happy to address any other questions the parents ask. They can call me at 719-333-3994 or email larry.bryant@usafa.edu

//SIGNED//

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