

Computer and Networking Lab

Tom Kelliher, CS 102

Sept. 9, 2005

1 Administrivia

Announcements

Introduction, quiz, lab.

Assignment

No assignment.

From Last Time

Hardware show and tell.

Outline

1. Introduction.
2. Lab.

Coming Up

Lab.

2 Introduction

1. Why buy more RAM when my PC is slow?
2. What is a basic PC today? Why might I want more or less? Example system: HP Pavilion 340, \$410, after \$50 rebate.
 - (a) Windows XP SP 2.
 - (b) Intel Celeron D processor 340 with 533 MHz frontside bus, 256 KB L2 cache, and 2.93 GHz processor speed.
 - (c) 512 MB PC2700 DDR SDRAM (watch out for video sharing).

Intel Extreme Graphics with up to “64 MB shared video memory.”
 - (d) 100 GB Ultra DMA hard drive (7200 RPM).
 - (e) DVD-ROM/CD-RW combo drive.
 - (f) 9-in-1 media card reader, 2 FireWire ports 5 USB 2.0 ports.
 - (g) No diskette drive. One each, serial and parallel ports.
 - (h) V.92 modem **and**/or 10/100Base-T Ethernet networking interface.
 - (i) Integrated audio. No speakers.
 - (j) 15” or 17” monitor (often **not included**).
 - (k) Basic \$100 inkjet printer (often **not included**).
 - (l) One year warranty.
3. Notebook PCs.
4. Reliable brands: Apple, Sony, Dell, eMachines (also good brands).

5. Where to buy? Go to bizrate.com to get prices. Buy online or visit, Best Buy, Circuit City, CompUSA, Staples, etc. to buy.
6. Why might I want a MAC?

3 Lab