Ultra-Mobile PCs
Where do they fit in?

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Introduction

• What are Ultra-Mobile PCs?
• Technical specifications and capabilities
• Usability for field data collection
• Other uses
• Future
What are we talking about?

- Netbook? Subnotebook? UMPC?
- 5 – 10 inch screen
- Keyboard and touchpad
- No CD/DVD drive
- Lightweight (3 pounds or less)
- $300 - $400

Asus eee pc    Lenovo s10    Dell Inspiron Mini 9
## Tech Specs

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS</td>
<td>Windows XP (small Linux contingent)</td>
</tr>
<tr>
<td>Processor</td>
<td>Intel Atom, 1.6GHz</td>
</tr>
<tr>
<td>Memory</td>
<td>1 – 2 GB SDRAM</td>
</tr>
<tr>
<td>Hard Drive</td>
<td>16GB solid state or 160GB traditional</td>
</tr>
<tr>
<td>Display</td>
<td>1024x600</td>
</tr>
<tr>
<td>Graphics</td>
<td>Integrated</td>
</tr>
<tr>
<td>Battery</td>
<td>6 cell Li-ion (5 hours)</td>
</tr>
<tr>
<td>Networking</td>
<td>802.11b/g/n and ethernet</td>
</tr>
<tr>
<td>Ports</td>
<td>USB 2.0, VGA, audio jacks</td>
</tr>
<tr>
<td>Camera</td>
<td>1.3M pixel</td>
</tr>
<tr>
<td>Microphone</td>
<td>Built-in</td>
</tr>
</tbody>
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In the field?

- Not in use
  - Interviewer concerns
  - UWSC concerns
Concerns

• Interviewer Concerns
  • Laptop body is too small
  • Questioned laptop’s ruggedness
  • Slight concern over keyboard size

• UWSC Concerns
  • Screen size and keyboard size might pose problems for respondents
Current UWSC Laptops in field

- Lenovo X60 tablets
  - 12” screen, 4 lbs
  - Convertible to tablet
- Lenovo R400
  - 14” screen, 5 lbs.
  - Very rugged
  - Popular with interviewers
  - Full size keyboards
  - Much more expensive
Other Uses

- Popular with other staff
- ½ of project managers using them
  - Portability
  - “Good enough” computing
  - Color choices
- IT likes the lower cost
- Today, netbooks are great as auxiliary PCs
The Future

- Will be used for field interviews
- Addition of touch screen will be a valuable addition for survey research
  - Always Innovating Touch Book
  - Asus Eee PC line
- Growing in popularity among general public
- Respondents and interviewers will become used to smaller size
- Price is too attractive
Thank You

Questions?

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