



# **Pentium® Processor Based Mobile Computers**

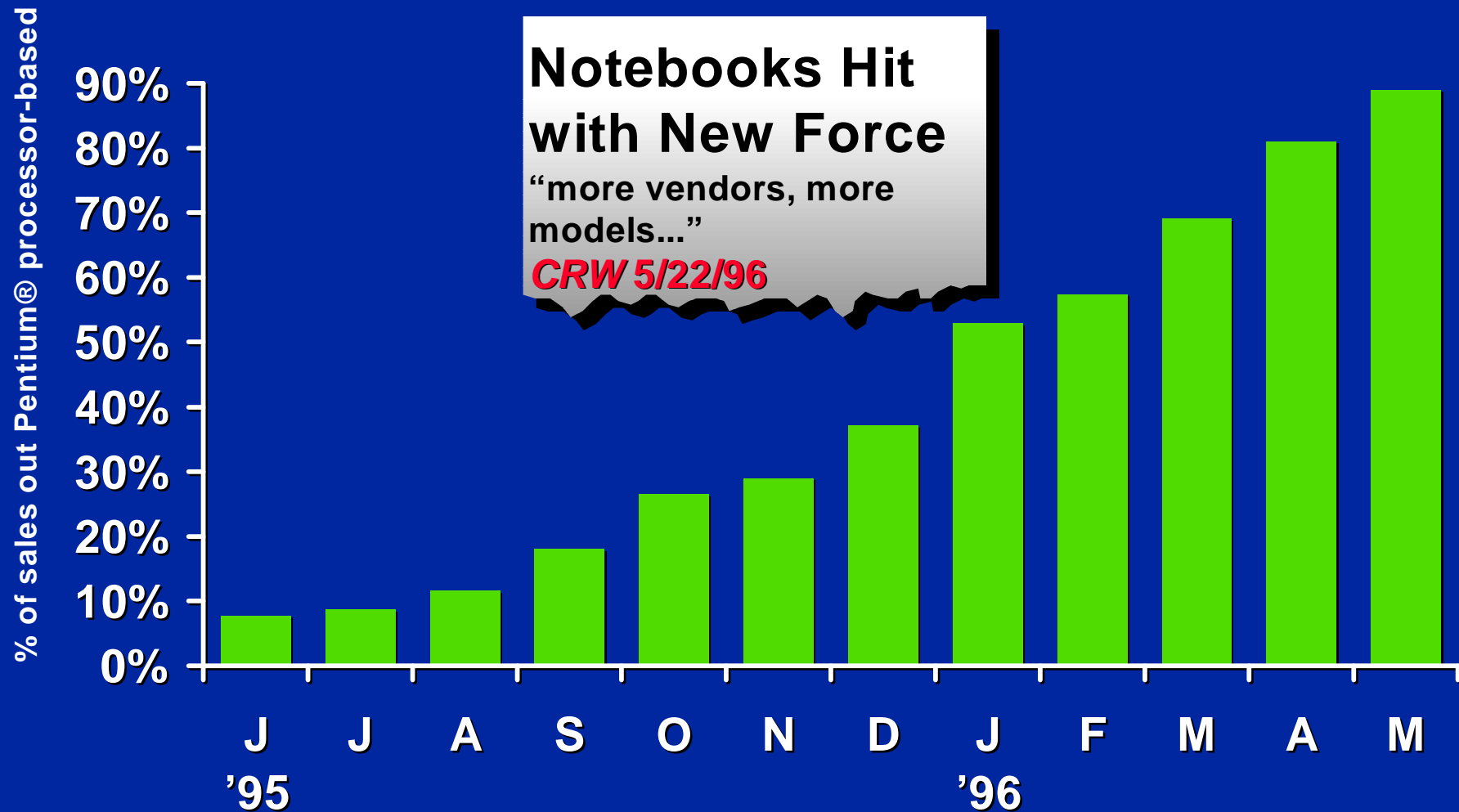
**August 1996**

# Agenda:

- **Mobile Trends**
- **Mobile Roadmap**
- **The Latest Mobile Products**
- **New Mobile Capabilities**

# Mobile Trends

Source: Audits & Surveys



**Conversion to Pentium® processor  
Almost Complete**



# Mobile Roadmap

System Price Point	Q3 1996	Q4 1996 Forecast
Professional >\$5K	Pentium® processor - 133, 120	Pentium processor - 150, 133
Performance Midrange \$3.5-5K	Pentium processor - 120, 100	Pentium processor - 133, 120
Midrange \$2.5-3.5K	Pentium processor - 100, 75	Pentium processor - 120, 100
Entry Level <\$2.5K	Pentium processor - 100, 75	Pentium processor - 100

Source: Intel, as of July 1, 1996

**Converting to High Speed Pentium® Processors**

# 2H'96 Mobile Configurations

## Entry Level



**Pentium®  
Processor -75,100  
< \$2.5k**

- 8MB EDO DRAM
- 810MB HDD
- 10.4" DSTN, VGA
- NiMH
- Sound
- Optional CD

## Midrange



**Pentium®  
Processor -100,120  
\$2.5k - \$3.5k**

- 256k L2
- 8-16MB DRAM
- 1.2 GB HDD
- 11.3" DSTN, SVGA
- NiMH
- 4X CD-ROM
- 28.8k, Opt. DSVD
- 16 bit Audio
- Swap Bay

## Perf. Midrange



**Pentium®  
Processor  
-120,133  
\$3.5k - \$5k**

- 256k L2
- 16MB DRAM
- 1.2 GB HDD
- 12" TFT, SVGA
- Li-Ion
- 6X CD
- Full Duplex Audio
- 28.8k Modem
- Cardbus
- Swap Bay
- Smart Battery

## Professional

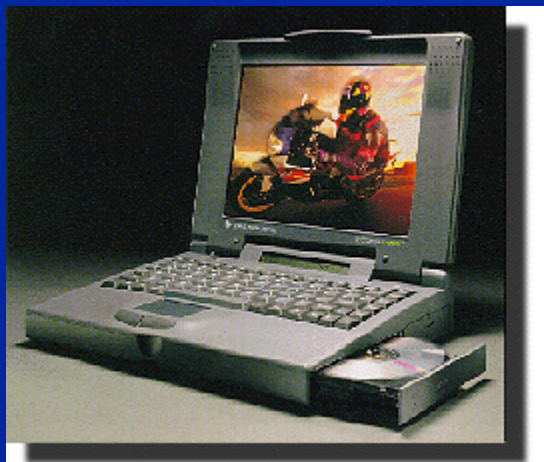


**Pentium ®  
Processor-133, 150  
> \$5k**

- 256k L2
- 16MB EDO/DRAM
- 1.6 GB HDD
- 12.1" TFT
- SVGA, 1024x768
- Li-Ion
- 6X CD
- Full Duplex Audio
- 28.8k DSVD Modem
- Cardbus
- Swap Bay
- Smart Battery

# New Products Create Value For End Users

TI Extensa\* 570



IBM Thinkpad\* 560



Toshiba Portege\* 650



Compaq Armada\*

**Slim Form Factor With No Feature Compromise**



\* Other brands and names are the property of their respective owners.

# Upcoming Features in 2H'96

- **Pentium® processor 150MHz for mobile  
-- intro' in Q3**
- **Video conferencing intro' in Q4, volume  
in Q1'97**

# Windows NT\* vs. Windows\* 95 for Mobile

	Windows95 (end '96)	Windows NT (end '96)	Windows NT Late '97
1. Advanced Power Mgmt (APM)	✓		✓
2. Plug 'n Play	✓		✓
3. CardBus	✓		✓
4. Universal Serial Bus	✓		✓
5. Hot Docking	✓		✓
6. DOS*/Win16* device drivers	✓		
7. MM: Direct3D*, ActiveX*	✓		✓
8. Briefcase	✓	✓	✓
9. Built in Security		✓	✓
10. Built in Networking		✓	✓



# Summary

- **New levels of performance and capabilities coming in mobile computers**
  - Pentium® processors top-to-bottom in OEM product lines
  - Rich features available at all price points
  - New technologies continue to enhance mobile capabilities
- **Mobile Business Users Need Performance**
  - Growth of Multimedia, Communication applications point to need for high performance systems
  - Intel and industry (communications, peripheral makers) continue acceleration of new capabilities

# Thank You!

