



Ultra Mobile PC 2006 Platform Overview

The Ultra Mobile PC (UMPC) platform will offer consumers small, ultra-mobile devices with full PC capabilities, uncompromised Internet access, anytime connectivity, and the ability to recognize and adapt to its environment virtually anytime and anywhere. The perfect PC companion! The UMPC incorporates a rich set of mobile features in a compact device. The recommended attributes of a 2006 UMPC are listed below (required components marked with ✓).

UMPC System Overview

- Consumer oriented device <2 pounds
- <7" display with touch screen and minimum of 800x480 resolution
- Intel® Pentium® M or Intel® Celeron® M processor ULV
- WLAN and Bluetooth* enabled
- Microsoft Windows* XP or PC Linux OS

• Form Factor and User Interface

- Handheld form factor (<8" diagonal) ✓
- (<2 lb and 1 inch thickness)
- Stylus with integrated holder ✓
- Built in stand
- Pointing stick and mouse buttons on opposite sides of form factor
- General buttons: Power/hold, volume up/down, brightness up/down, wireless disable
- Application buttons: media player (+ play/pause button) and web
- HW Keyboard (or screen overlay) ✓

• Wireless Connectivity

- Integrated WLAN b/g module ✓
- Integrated Bluetooth v1.2 module ✓
- User Exp: WWAN, TV Tuner and GPS

• User Accessible Connections

- 1 user expansion port (rcmd SD) ✓
- 1 Stereo Audio/Mic combo jack ✓
- 1 Powered USB port ✓
- DC-In ✓

• Battery and Power

- ACPI 2.0 compliant ✓
- 3–5 hrs targeted battery life ✓
- External AC/DC adaptor ✓

• Active Managed Thermals

- Variable speed system fan ✓
- Processor/chipset heat spreader ✓
- Active monitoring to maintain skin temperature

• Operating System

- Windows* XP, Windows* XP Tablet Edition or PC Linux ✓

• Internal Electronics

- Intel® Pentium® M processor or Intel® Celeron® M processor (90 nm ULV processors) ✓
- Intel® 915 Express chipset family with Intel GMA 900 Graphics (with Downscaler) ✓
- 4–7" LVDS WVGA (800x480) TFT ✓
- Touchscreen ✓
- 256 MB, 400 MHz DDR2 (rcmd 512 MB) ✓
- SFF HDD or SSD 20 GB Minimum ✓
- HD audio controller ✓
- Speaker ✓
- Integrated camera (>1 Mpix) ✓

• Docking Capability

- Audio output
- DC power
- TV-Out or DVI
- USB

• Applications

- UMPC user interface*: Touchpack, Yahoo To Go or similar ✓
- Web browser and media player with onscreen controls ✓
- UMPC optimized entertainment software

• Optional Accessories

- Keyboard
- Optical disk drive
- Extended battery pack
- Car dock

*Other names and brands may be claimed as the property of others.