



Core Messaging

NVIDIA® GeForce® 5500 Handheld GPU

NVIDIA® GeForce® 5500 handheld GPU

The First GPU to Deliver the World of Portable Entertainment to Your Mobile Phone

True, fluid digital TV and video

- The first handheld GPU to play back H.264 video up to D1 resolution and 30fps – say goodbye to choppy, blurry images
- Hardware acceleration for H.264 and WMV9 assures great performance and long battery life
- Compatible with data formats for mobile, digital TV standards around the globe (DVB-H, ISDB-T, DMB) for more content at higher resolutions and frame rates

High-fidelity surround sound

- Surround sound with equalizer processing for immersive sound even when listening to headphones
- Enables features you can't get in an iPod, like decoding two 320Kbit/sec AAC+ streams at the same time for crossfade effects
- Two streams also means you won't compromise your ringtone just because you are already listening to CD-quality music when a friend calls
- 24-bit audio is the same math precision as professional audio gear

Console-class 3D gaming

- Experience console-class games, like *Quake III* and *Need For Speed Most Wanted*, at unmatched speeds
- 5-way multitexturing and 40-bit color for pixel shading effects
- Twice the raw graphics performance over previous generation

More hours of entertainment and less drain on talk time

- NVIDIA® nPower™ technology
- Deep power down mode for standby power as low as 20 microwatts
- Very low active power for all functions