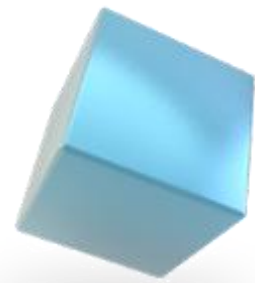


# DISE

## HARDWARE TEST CERTIFICATE



### Advantech ARK-DS520

CPU: Intel Atom D525 1.8 GHz  
 GPU: NVIDIA ION 512MB + Shared  
 Graphics driver: NVIDIA 8.17.12.5896 (2010-09-07)  
 RAM: 2 GB  
 OS: Windows Embedded Standard 32-bit  
 Software: Dise Replay 2010



Dise Tests	CPU Usage	Render FPS	Approved
Simple Dise Movie (1080p)	22%	60	✓
Medium Dise Movie (720p)	30%	60 1	✓
Heavy Dise Movie (720p)	50%	23	✗
WMV Video 720p, 30 fps	26%	60	✓
H.264 Video 720p, 30 fps	35%	60	✓
CoreAVC Video 720p, 30 fps	10%	60	✓
WMV Video 1080p, 30 fps	40%	60	✓
H.264 Video 1080p, 30 fps	45%	30	✗
CoreAVC Video 1080p, 30 fps	15%	60 2	✓
Flash Animation	45%	60	✓
Image Animation PNG, 300 frames, 30 fps	3%	60	✓
RSS News Ticker	2%	60	✓
Stability Test			✓

1. Tickers stutter slightly
2. Stutters slightly

Additional Platform Features	Approved
Watchdog	✓
On-board Temperature Sensor Readout	✓

Note: When using NoBorders sync, video decoding will use more CPU than mentioned above. Individual test of video formats for NoBorders setup recommended.