



## کارت گرافیک برگزیده Leadtek Winfast A340 TD

این کارت از Video In/Out پشتیبانی کرده و امکان تهیه Capture را هم فراهم می سازد. Leadtek از یک Heatsink همراه با فن خنک کننده بی نظیر برای هسته GPU خود استفاده کرده که سبب کاهش درجه حرارت کارت می شود. هسته گرافیکی این کارت در فرکانس ۳۶۵ مگاهرتز عمل میکند و حافظه آن دارای فرکانس ۷۴۳ مگاهرتز میباشد. در آزمایشات به عمل آمده، این کارت عملکرد سریعتری از کارتهایی بر پایه FX5200 و Radeon 9200 از خود نشان داده است. طوریکه در برنامه 3D Mark 2003 این کارت امتیاز ۱۹۱۵ کسب کرده و در بازی Unreal Tournament 2003 امتیاز این کارت به ۶۹،۷ فریم بر ثانیه رسیده است. همچنین در بازی Quak 3 این کارت دارای Frame Rate برابر با ۶۹،۷ فریم بر ثانیه می باشد. عملکرد این کارت تقریباً نزدیک به کارتهای Radeon 9600 و GeForce FX 5600 بوده در حالیکه از لحاظ قیمت ارزانتر از آنها است.

مشخصات فنی دیگر کارت Leadtek Winfast A340 TD به شرح زیر می باشد:

- Video Memory : 128 MB DDR
- Core Clock Speed: 365 MHZ
- Memory Clock Speed : 743 MHZ
- Ramdac : 400 MHZ
- DVI to VGA Connector : YES
- TV OUT: YES
- Video In : YES

## LEADTEK WINFAST A340 ULTRA TD MYVIVO

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The Leadtek WinFast A340 Ultra TD MyVIVO represents the only graphics card powered by the GeForce FX5200 Ultra chipset. This card is packed with some great features and investing \$150 in a card like this could be worthwhile.

With support for video in/out integrated into this card, Leadtek have (as we have grown accustomed to) gone ahead and provided an impressive list of applications which include *Ulead Video Studio SE DVD*, *Ulead Cool 3D SE*, *WinFast PVR*, *WinFastDVD*, *WinFox II* and *Cycore Cult3D*. To give you more value for money you also get two gaming titles in *Big Mutha Truckers* and *GunMetal*. Looking at the back of the card reveals that all the connectors one has come to expect to find on VIVO cards are present and a distinct blue cable is used for the VIVO functionality.

Leadtek have used a unique heat sink and fan to cool the GPU core, which successfully keeps the temperature levels of the card down and incorporates a dust protector into the design. The FX5200 Ultra graphics core runs at 365 MHz while the ultra fast DDR RAM steams away at a rampant 743 MHz.

Performance benchmark scores on this card were higher than on any of the FX5200 or Radeon 9200 based cards. In *3DMark03* it was able to generate a score of 1915 while *Unreal Tournament 2003* jumped to 69.7 fps when we ran our botmatch demo. *Splinter Cell* was the only benchmark that did not show any major gains over the other cards in its category. When it came to *Vulpine GImark*, the score hurtled to 85.2 and the *Quake III* timedemo (filtering enabled at 4X) generated an impressive 69.7 fps. *Serious Sam SE* yielded a high score of 131.7.

It's hardly surprising that this GPU surpassed every other display card in its category. In the overall performance scenario, the WinFast A340 Ultra TD MyVIVO is placed behind the FX5600 and Radeon 9600 based cards, but is priced significantly cheaper than these solutions.



### SPECIFICATIONS

**Video Memory** 128 MB  
**Core Clock Speed** 365 MHz  
**Memory Clock Speed** 743 MHz  
**RAMDAC Speed** 350 MHz  
**DVI to VGA Converter** Yes  
**TV-Out Port** Yes  
**Video-In** Yes

### SCORES

#### FEATURES

★★★★★

#### EASE OF USE

★★★★★

#### PERFORMANCE

★★★★★

#### VALUE

★★★★★

#### OVERALL

★★★★★