



AMD 5970: grandi potenzialità in overclock



LINK (<https://www.nexthardware.com/news/schede-video/1694/amd-5970-grandi-potenzialita-in-overclock.htm>)

Nuove indiscrezioni sull'ammiraglia dual gpu AMD.


Qualche giorno fa erano emerse indiscrezioni relative alle frequenza di clock di Hemlock, ovvero la versione dual GPU di Cypress. Queste indiscrezioni sembrano essere confermate.

ATI Radeon™ HD 5970 Graphics

The Fastest Graphics Card On the Planet



- Unlocked OC Limits, for Extreme End-User Control ¹
- Designed for the Most Demanding Games, Ultra High Resolutions and Max Settings
- World's Latest and Most Advanced Graphics, Display and Memory Technologies

Compute Power	4.64 TeraFLOPs
Core Clock Speed	725 MHz
Stream Processors	3200
Memory	2GB @ 4.0 Gbps
Max/Idle Power	294W / 42W
Max Resolution ²	3x2560x1600



Note: See slide 22 for additional information

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Designed with Massive Overclocking Headroom

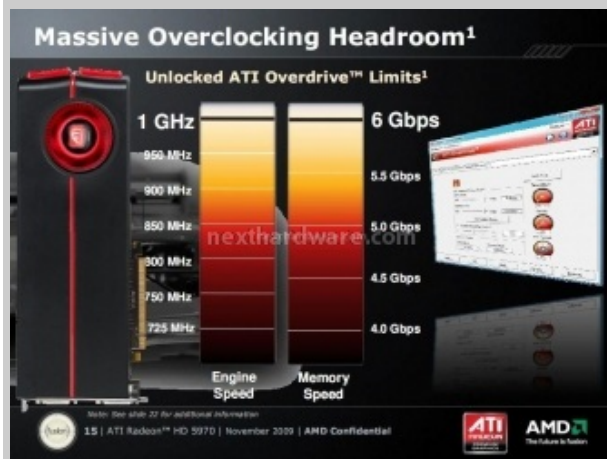
- 5.0 Gbps GDDR5
- Digital Programmable Voltage Regulators



Designed for Overclocking¹

- Fully Vented Exhaust
- Screened High Speed Low Leakage Premium ASICs
- Full Board Heat Dissipation, Endosed Shroud
- Multi-point Programmable PWM Fan Controller





ATI Radeon™ 5970 Graphics Specification

	ATI Radeon™ HD 5850	ATI Radeon™ HD 5870	ATI Radeon™ HD 5970
Process	40nm	40nm	40nm
Transistors	2.15B	2.15B	4.3B
Engine Clock	725 MHz	850 MHz	725 MHz
Stream Processors	1440	1600	3200
Compute Performance	2.09 TFLOPS	2.72 TFLOPs	4.64 TFLOPs
Texture Units	72	80	160
Texture Fillrate	52.2 GTexels/s	68.0 GTexel/s	116.0 GTexel/s
ROPs	32	32	64
Pixel Fillrate	23.2 Gpixel/s	27.3GPixel/s	46.4 GPixel/s
Z/Stencil	92.8GSamples/s	108.8GSamples/s	185.6 GSamples/s
Memory Type	GDDR5	GDDR5	GDDR5
Memory Clock	1000 MHz	1200 MHz	1000 MHz
Memory Data Rate	4.0 Gbps	4.8 Gbps	4.0 Gbps
Memory Bandwidth	128.0 GB/s	153.6 GB/s	256 GB/s
Maximum Board Power	170W	188W	294W
Idle Board Power	27W	27W	~42W

ATI and AMD logos at the bottom.



AMD 5970

La cosa curiosa però è che AMD stessa è intenzionata a consegnare al mercato questa scheda lasciando ampi margini di overclock. I valori da CCC impostabili saranno ben 1000 Mhz per le GPU e 1500 Mhz (6000 Mhz QDR) per le memorie.

Da sottolineare inoltre la presenza di un dissipatore con tecnologia Vapor Chamber, in grado di dissipare fino a 400 Watt.

L'NDA, secondo fonti non ufficiali, dovrebbe scadere il 18 Novembre.