Accent ZIP Password Recovery Benchmark

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Introduction

Accent ZIP Password Recovery – are the high-tech solution to lost WinZip passwords with AES encryption (WinZip 9-18), guaranteeing fast recovery on modern Intel and AMD processors and lightning-fast speeds using GPU computing on AMD and NVIDIA graphics cards.

The tables comparing **Accent ZIP Password Recovery** and its two main competitors contain data obtained by measurement.

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Intel/ATI System Specification

CPU	**Intel i7-860/2.8Ghz, Turbo Boost enabled, Hyper-threading enabled**
Motherboard	ASUS P7P55 WS SuperComputer
RAM	2x2GB DDR3-1600
GPU	ATI HD5770 ATI HD4770
Operating system	Windows 7 64-bit
GPU Drivers	ATI Catalyst 10.5

AMD/NVIDIA System Specification

CPU	**AMD Phenom X4 9550/2.2Ghz**
Motherboard	Gigabyte MA78G-DS3H
RAM	2x1GB DDR2-800
GPU	NVIDIA GTS250
Operating system	Windows 7 64-bit
GPU Drivers	NVIDIA Forceware 196.21

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Benchmark

Recovery Speeds for Password to Open a WinZip archive file (passwords per second):

	Accent ZIP Password Recovery, 1.0	Advanced Archive Password Recovery, 2.90	Passware Kit Standard, 10.0
Intel i7-860/2.8Ghz	36’800	9’700	30’800
AMD Phenom X4 9550/2.2Ghz	19’100	3’920	10’300
ATI HD 4770	120’000	not supported	not supported
ATI HD 5770	290’000	not supported	not supported
NVIDIA GTS250	75’100	not supported	not supported

NB: Recovering a WinZip password using a single ATI HD5770 graphics card (290’000 passwords per second) approximately 4.5 times faster than the Tableau TACC1441 hardware accelerator (65’000 passwords per second).

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