



**GRANDO
RM**

DATASHEET

COMINO GRANDO FORENSIC DPR 5-FT

Ultra-compact liquid-cooled GPU accelerated
devices for password recovery and decryption

KEY ADVANTAGES



Best Multi-GPU performance
for specialists, workgroups
and research teams

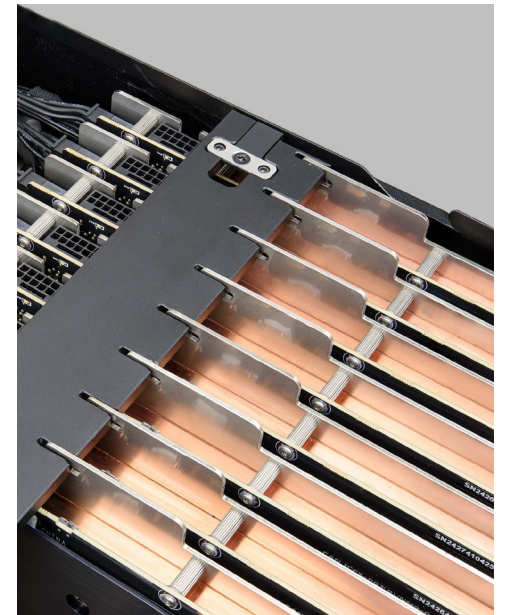
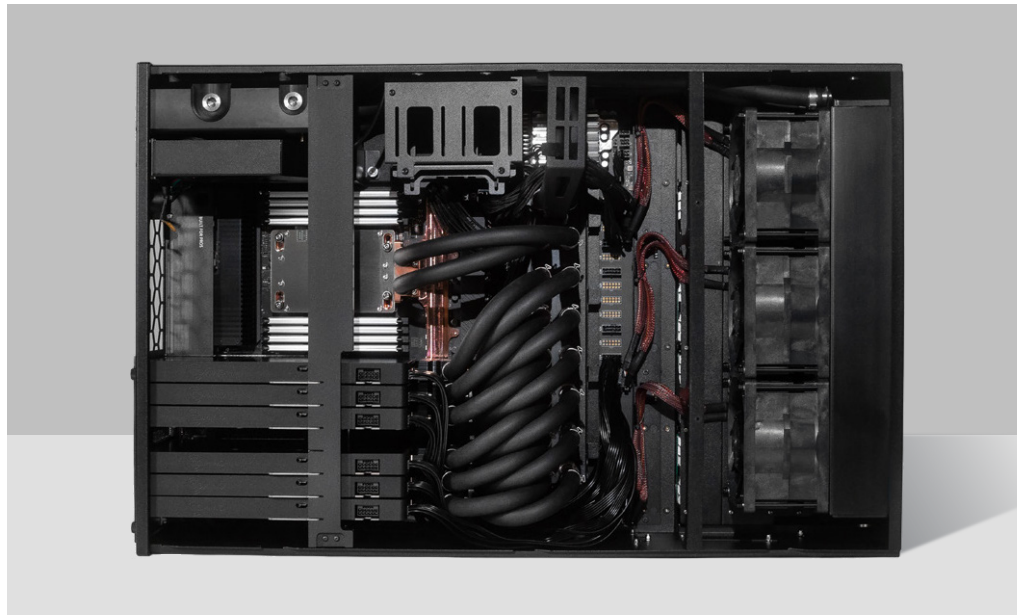
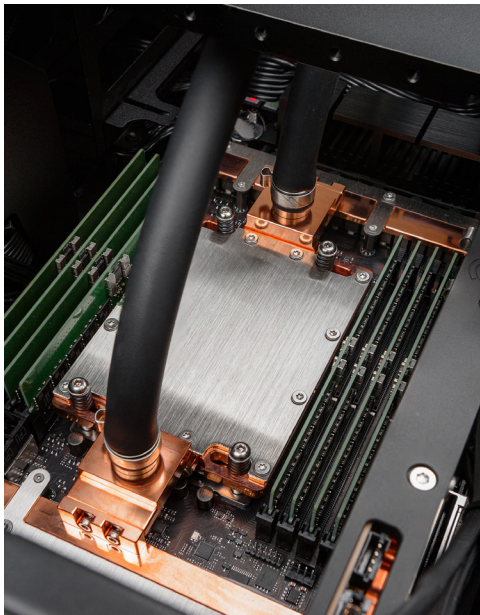


Easy configurable, maintainable
& scalable bleeding edge
hardware!



Engineered for Reliable High Performance
24/7 operation in harsh environments
up to 38°C / 100°F





LIQUID COOLED

Comino liquid cooling system unleashes the full performance potential of modern top-tier GPUs and CPUs, allows to prolong lifespan of the hardware and ensures 24/7 operation even in harsh environment with no thermal throttling.

QUICK-DISCONNECT COUPLINGS

Quick Disconnect Couplings (Comino TheQ) on each GPU and CPU allows to simplify maintaining and reduce maintenance time to increase system availability.

REMOTE MANAGEMENT

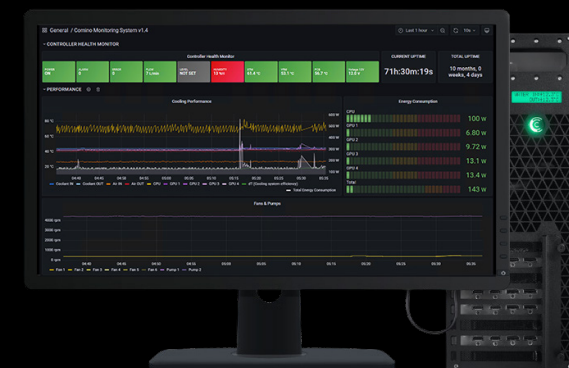
Our servers come equipped with an IPMI interface for seamless remote management. Enjoy features like remote KVM access, OS installation, and comprehensive server monitoring. Ensure peak performance and minimal downtime anytime, anywhere.

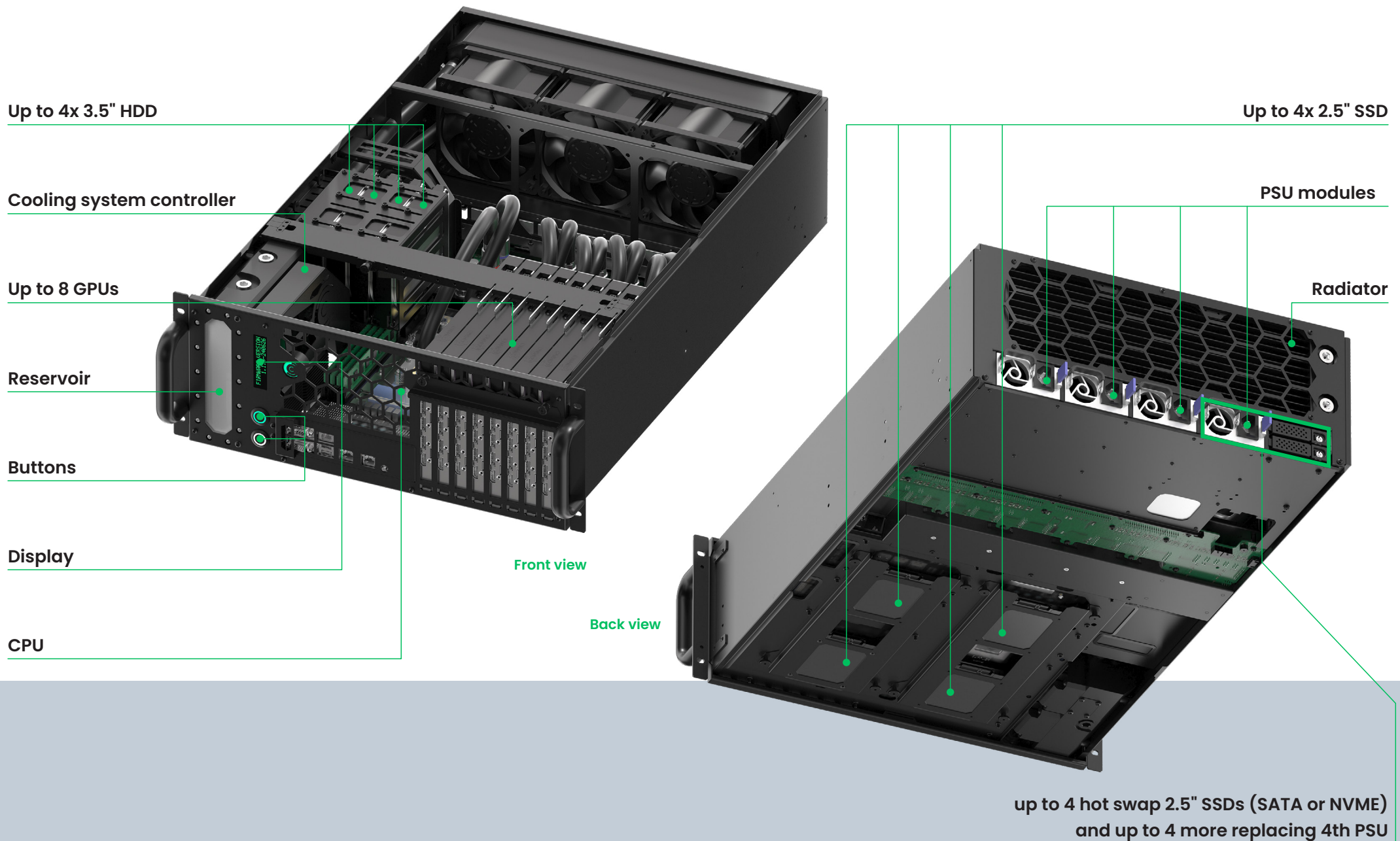
Up to 8x NVIDIA Blackwell Generation GPUs

in 5-FT/X configurations. Suitable GPUs for acceleration in forensic tasks.

REDUNDANT POWER SUPPLY (CRPS)

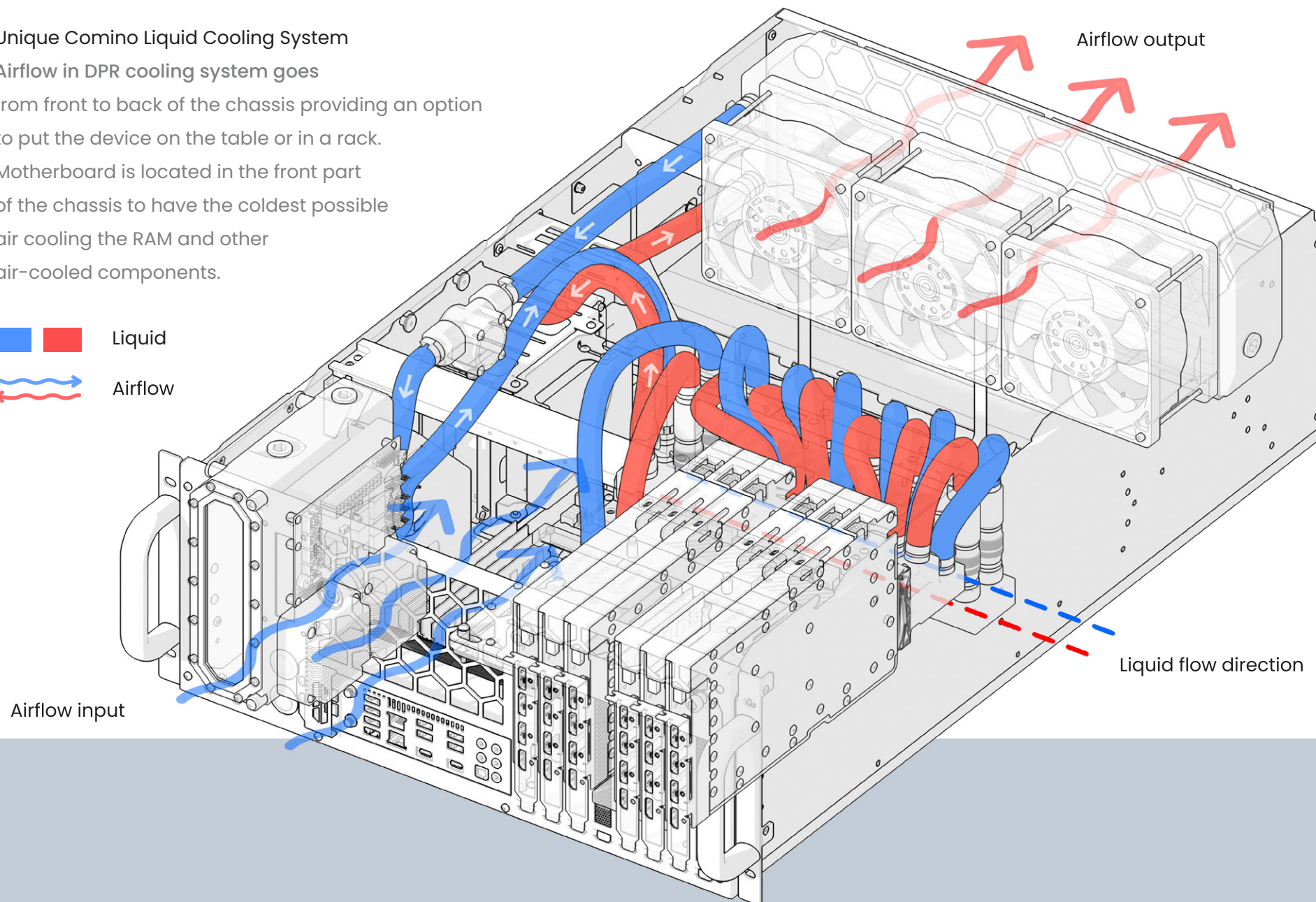
Designed for use in critical IT infrastructure. It provides reliable power for your system without limitation. PSU work at whole spectrum voltage 100-240VAC and 240VDC and provide N+M redundancy.





Unique Comino Liquid Cooling System

Airflow in DPR cooling system goes from front to back of the chassis providing an option to put the device on the table or in a rack. Motherboard is located in the front part of the chassis to have the coldest possible air cooling the RAM and other air-cooled components.



	DPR 5-FT/4	DPR 5-FT/6	DPR 5-FT/8
GPU	4x	6x	8x
	NVIDIA Blackwell Generation GPUs CUDA cores: not less than 21,760		
CPU	AMD EPYC™: 32 Cores / 64 Threads		
Motherboard	Dedicated Remote Management Port IPMI2.0 with iKVM and vMedia support VGA output		
RAM	256 GB DDR5 ECC		
Storage	NVMe Gen4 SSD 2TB		
Power Supply	Redundant Power Supply System up to 4x 1000/2000W @ 110/220V		
Max Power Consumption	3800 W	5000 W	6200 W
Operation system	Linux / Windows 10 Pro		
Liquid Cooling	Fullcover water blocks for GPUs & CPU		
Dimensions	439 x 681 x 177mm (without handles and protruding parts)		

	DPR 5-FT/4	DPR 5-FT/6	DPR 5-FT/8
Installation	19" 4U rack-mountable or standalone as a Desktop		
Weight	49kg (net), 66kg (gross) ±5%	52kg (net), 69kg (gross) ±5%	55kg (net), 72kg (gross) ±5%
Network	2x RJ45 10 GbE ports		
Rack AC Power Recommendations	208 - 240 AC power source with 4x C19 or C13 power sockets		
	20A @ 208/240V Power Line	25A @ 208/240V Power Line	32A @ 208/240V Power Line
Amount of Heat	13 000 BTU per Hour	17 100 BTU per Hour	21 200 BTU per Hour
Airflow Rate	400 CFM / 680 m³/h		
Storage temperature range	-5..50°C / 23..122°F		
Operating temperature range	10..35 °C / 50..95 °F	10..30 °C / 50..86 °F	10..25 °C / 50..77 °F
Packaging Content	19-inch telescopic rail kit, desktop legs kit, 3 years maintenance coolant kit, additional screws kit, USB flash drive with BIOS, cables, quick start guide, product passport		

Passware Forensic Kit 2025V2

File type	DPR 5-FT/4	DPR 5-FT/6	DPR 5-FT/8
MS Office 2013+	357,964.5 PASSWORDS/SECOND	536,946.8 PASSWORDS/SECOND	714,500.0 PASSWORDS/SECOND
RAR 5.x	1,398,140.7 PASSWORDS/SECOND	2,097,211.1 PASSWORDS/SECOND	2,790,700.0 PASSWORDS/SECOND
APFS (encrypted)	791,580.0 PASSWORDS/SECOND	1,187,370.0 PASSWORDS/SECOND	1,580,000.0 PASSWORDS/SECOND
Apple iTunes Backup / iOS 10.X	4,559.1 PASSWORDS/SECOND	6,838.7 PASSWORDS/SECOND	9,100.0 PASSWORDS/SECOND
MS Windows / BitLocker	52,003.8 PASSWORDS/SECOND	78,005.7 PASSWORDS/SECOND	103,800.0 PASSWORDS/SECOND
Blockchain Wallet version 3	4,594,671.0 PASSWORDS/SECOND	6,892,006.5 PASSWORDS/SECOND	9,171,000.0 PASSWORDS/SECOND
Cryptocurrency Wallet	127,404.3 PASSWORDS/SECOND	191,106.5 PASSWORDS/SECOND	254,300.0 PASSWORDS/SECOND

Hashcat 6.2.6

File type	DPR 5-FT/4	DPR 5-FT/6	DPR 5-FT/8
0 MD5	863.4 GH/S	1,295.1 GH/S	1,723.3 GH/S
100 SHA1	279.7 GH/S	419.5 GH/S	558.2 GH/S
1700 SHA2-512	39,867.1 MH/S	59,800.6 MH/S	79,575 MH/S
6211 TrueCrypt RipeMD160 + XTS512	10,628.8 KH/S	15,943.2 KH/S	21,215.2 KH/S
7100 MacOS v.10.8+	17,010.3 KH/S	25,515.4 KH/S	33,952.6 KH/S
11300 Bitcoin/Litecoin wallet.dat	184.5 KH/S	276.7 KH/S	368.2 KH/S
11600 7-ZIP	12,581.1 KH/S	18,871.7 KH/S	25,112 KH/S



For more product information visit:

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