

The Aurora RAID family is a purpose-built, feature-rich RAID that can be used as a direct attached system or as a SAN appliance. Aurora's performance and unique adaptable design integrates our RAID 6 engine technology (EOS™) with the latest industry-standard hardware components. This design allows Aurora to "leap-frog" other manufacturers' hardware ASIC-based RAID controller roadmaps. Our engineers have developed Aurora with a unique set of tools to simplify your storage environment and deliver industry leading performance. The resulting solution is affordable cross-platform storage for Mac, Windows and Linux users while delivering reliable and sustained high bandwidth performance.



Galaxy® Aurora LP
Ideal for On-site/On-set or Mobile Post Production



Galaxy® Aurora LS
Ideal for Boutique Post, Religious, Educational & Corporate



Galaxy® Aurora
Ideal for Studios & Post Facilities

Aurora LP	Aurora LS
» 3000+ MB/s » 2RU with 24 Bays » 24TB raw capacity » Low-Profile (LP) enclosure	» 1000+ MB/s » 4RU or Tower with 12 Bays » up to 36TB raw capacity » In-studio quiet enclosure
Aurora 24	Aurora 36
» 2300+ MB/s » 4RU with 24 Bays » 72TB raw capacity » Ideal for 2K workflows	» 4500+ MB/s » 4RU with 36 Bays » 108TB raw capacity » Ideal for multi-stream 2K/4K workflows

Rorke Aurora RAID Video Stream Performance Chart

Video Format Criteria				Rorke RAID Storage Systems		
Video Format	Data Rate	GB Used	Hours Used	Aurora LS	Aurora 24	36
Assumes video @29.97 / film @24fps	MB/S	Per hour	Per TB	Stream Count	Stream Count	Stream Count
DV / HDV 25Mb/S	3.25	13	75	45	60	75
DVCPRO HD 100Mb/S	13	46	22	23	32	45
ProRes HQ	28	101	10	16	24	30
HD 1080i 8bit 4:2:2	124	448	2.25	3	8	10
HD 1080i 10bit 4:2:2	135	597	1.6	2	6	8
HD 1080P 10bit 4:4:4	248	895	1.1	2	4	6
HD film DPX 1920x1080 8Mb files	192	691	1.4	1	2	4
HD 2K film DPX 2048x1556 12Mb files	288	1037	0.96	1	2	3
HD 4K film DPX 4096x3112 48Mb files	1152	4147	0.24	—	1	2

Stream Count varies with both the number of drives and drive RPM

Rorke Galaxy Aurora: Ideal for multi-stream DPX & HD file-based workflows

Tapeless Cameras & Scanners	Red	Panasonic	Sony	ARRI	FilmLight	DFT	Lasergraphics	Cintel	Phantom	Canon
Content Creation Applications	AVID	FCP	AJA	Blackmagic	Assimilate	Autodesk	Bluefish	MTI Film		
	Quantel	Telestream	Adobe	Matrox	Pandora	Digital Vision	Grass Valley	Thompson		

*Aurora performance depends on the number of drives and drive RPM