



# GV AMS Pro

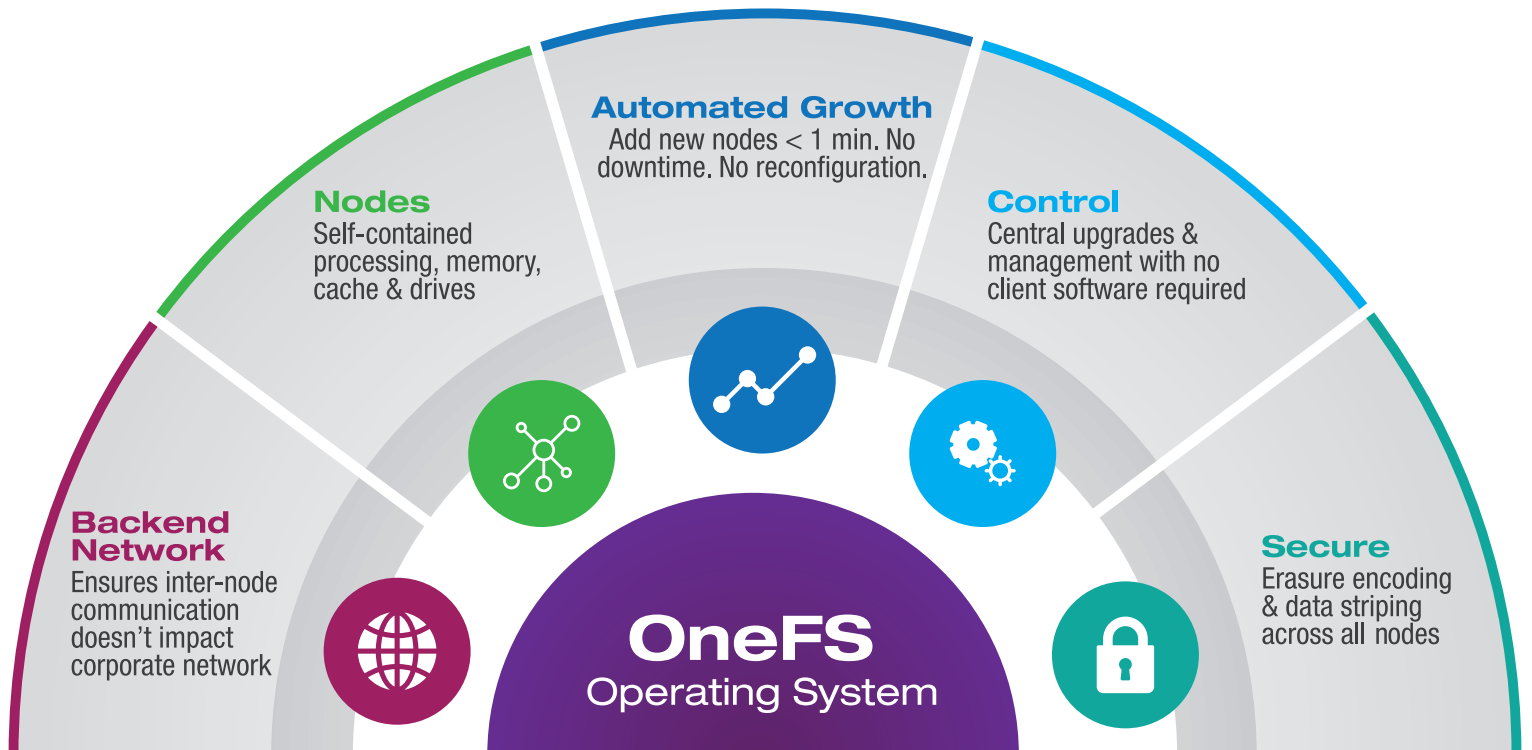
## Network Attached Storage

GV AMS Pro is Grass Valley's advanced media storage solution for medium- to large-size media & entertainment (M&E) companies who are rapidly growing their media assets and looking to future-proof their storage needs as 4K, UHD and 8K appear on the horizon.

**Namespace:** One massive single namespace for all files. Users see a large "C:" drive and don't have to worry about client-side software, volumes, LUNs, capacity, security or locking. This single namespace can expand up to 144 nodes (> 17 PetaBytes).

**Advanced:** The advanced OneFS operating system provides complete control over access, capacity, performance, migration, leveling, archiving and security. The private backend network ensures inter-node communication does not impact the corporate LAN.

**Scalable:** GV AMS Pro scales linearly. Every node adds processing, memory, cache and storage so the overall solution is additive and independent. Each node can then be used to load-level, archive or remove hot-spots in this scale-out solution.



PERFORMANCE
CAPACITY


	X210	H400	H500	H600
<b>H/W generation</b>	5	6	6	6
<b>OneFS version</b>	8.1.2	8.1.2	8.1.2	8.1.2
<b>Rack units</b>	2	4	4	4
<b>SSD cache/node</b>	800 GB	800 GB	1.6 TB	1.6 TB
<b>Nodes per chassis</b>	3	4	4	4
<b>Cluster sizing:</b>				
<b>Minimum # nodes</b>	3	4	4	4
<b>Maximum # nodes</b>	144	144	144	144
<b>Capacity (RAW PB)</b>	6.3 PB	17.2 PB	17.2 PB	5.1 PB
<b>Drives:</b>				
<b>Type</b>	SATA 3.5" 7.2k rpm	SATA 3.5" 7.2k rpm	SATA 3.5" 7.2k rpm	SAS 2.5" 10k rpm
<b>Drives sizes (TB)</b>	1, 2, 4	2, 4, 8	2, 4, 8	.6, 1.2
<b>Drives per node</b>	11	15	15	30
<b>ECC memory (per node)</b>	48 GB	64 GB	128 GB	256 GB
<b>Front-end networking</b>	2x 1 GbE & 2x 10 GbE (SFP+)	2x 10 GbE (SFP+)	2x 10 GbE (SFP+)	2x 10 GbE (SFP+)
<b>Back-end networking</b>	2x Infiniband	2x 10 GbE (SFP+) or 2x Infiniband	2x 40 GbE (QSFP+) or 2x Infiniband	2x 40 GbE (QSFP+) or 2x Infiniband
<b>CPU/cores</b>	2.2 GHz / 4	2.2 GHz / 4	2.2 GHz / 10	2.4 GHz / 14
<b>Typical power @ 240V (W)</b>	400	1,120	1,330	1,700
<b>Typical thermal rating</b>	1,370 BTU/hr	3,800 BTU/hr	4,540 BTU/hr	5,840 BTU/hr
<b>Dimensions (H x W x D)</b>	88 x 448 x 724 mm (3.5 x 17.7 x 28.7 in.)	178 x 448 x 955 mm (7.1 x 17.7 x 37.8 in.)	178 x 448 x 955 mm (7.1 x 17.7 x 37.8 in.)	178 x 448 x 955 mm (7.1 x 17.7 x 37.8 in.)
<b>Weight</b>	28 kg (61 lbs.)	111 kg (245 lbs.)	114 kg (250 lbs.)	98 kg (215 lbs.)

**ORDERING**

Please contact your authorized Grass Valley representative.

DS-PUB-2-0893C-EN



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