



G-Technology®

# G|RACK™ 12

DATASHEET



## High-Performance, Centralized Storage for Media and Entertainment Workflows

G-RACK™ 12 Network-Attached Storage (NAS) delivers the ultimate in high-performance, centralized storage for small-to-medium size post-production houses, TV/broadcast studios, ad agencies and in-house creative departments that use Adobe® Premiere® Pro, Apple® Final Cut Pro® X or Avid Media Composer® and other creative applications.

G-RACK 12 brings G-Technology's reliability, scalability, and studio-friendly technology to centralized storage. Streamline demanding media and entertainment workflows of 4K and above with a flexible 12-Bay server offering up to 120TB; an optional Expansion Chassis for adding up to another 120TB of storage; integration with popular non-linear editing (NLE) suites; and the latest BTRfs file system for better data management.

**G-RACK 12 is the only centralized storage platform that combines:**

- High-performance Network-Attached Storage (NAS)
- Scalable 12-Bay server from 48TB to 120TB capacities
- Ultra-reliable Enterprise-class HGST hard drives
- G-Technology developed NAS OS with easy to use interface
- Advanced BTRfs file system for reliable data protection
- iSCSI support for simplified shared storage management
- Integration with top non-linear editing suites
- Supports a full range of networking protocols including: AFP, SMB, CIFS, NFS, FTP, SSH, and iSCSI
- Optional 48TB, 72TB, 96TB or 120TB Expansion Chassis
- Future-friendly platform for software add-ons
- 5-Year limited warranty





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SPECIFICATIONS	
Hard Disk Drive Bays	12
Disks	3.5" HGST Enterprise Drives
Data Transfer Rate	Up to 2000MB/s
Processors	Dual Intel® Xeon® E5 Haswell V3 6-Core (12 Cores Total)
Physical Memory	128GB
Network Ports	4x 10GbE
Host Bus Adapter	2x 12Gbs mini-SAS ports
Power Supply	Dual 920W PSU (redundant)
OS Drives	2x 1TB Rear Mounted 2.5" HDDs (mirrored)
Fans	3x 8cm Hot-Swap redundant PWM cooling fans
Client Operating Systems	Mac OS® 10.9 + Windows® 10, Windows 8.1, Windows 7
Unit (H x W x D)	3.5" x 19" x 25.6" (89 x 490 x 648mm)
Server Package (H x W x D)	9.7" x 24" x 28" (246.4 x 609.6 x 711.2mm)
HDD Package (H x W x D)	17.5" x 13.25" x 10.5" (444.5 x 336.6 x 266.7mm)
Weight	53lbs (24kg)

G-RACK 12 (SERVER)	
RAW Capacities	48TB, 72TB, 96TB, 120TB
Usable Capacities (RAID 6)	40TB, 60TB, 80TB, 100TB

BOX CONTENTS	
G-RACK 12 server including 12 bays with internal hard drives	
(2) Power cords	
(2) Bezel locking Keys	
Front bezel	
Rack rail kit	
Rail kit adapter	
Hardware QSG	
Software QSG	
5-Year limited warranty	

OPTIONAL G-RACK 12 EXP (EXPANSION CHASSIS)	
RAW Capacities	48TB, 72TB, 96TB, 120TB
Usable Capacities (RAID 6)	40TB, 60TB, 80TB, 100TB



DESCRIPTION	MODEL NUMBER	SKU	UPC
G-RACK 12 48TB 128GB RAM 4x10GbE NIC NA	GRKABBNF48TB12BDA	0G04920	705487202304
G-RACK 12 72TB 128GB RAM 4x10GbE NIC NA	GRKABBNF72TB12BDA	0G04921	705487202311
G-RACK 12 96TB 128GB RAM 4x10GbE NIC NA	GRKABBNF96TB12BDA	0G04922	705487202328
G-RACK 12 120TB 128GB RAM 4x10GbE NIC NA	GRKABBNF120TB12BDA	0G04923	705487202335
G-RACK 12 Expansion 48TB SAS NA	GRKEXPNB48TB12BDA	0G04924	705487202342
G-RACK 12 Expansion 72TB SAS NA	GRKEXPNB72TB12BDA	0G04925	705487202359
G-RACK 12 Expansion 96TB SAS NA	GRKEXPNB96TB12BDA	0G04926	705487202366
G-RACK 12 Expansion 120TB SAS NA	GRKEXPNB120TB12BDA	0G04927	705487202373



One GB is equal to one billion bytes and one TB equals 1,000 GB (one trillion bytes) when referring to hard drive capacity. Accessible capacity will vary from the stated capacity due to formatting and partitioning of the hard drive, the computer's operating system, and other factors.

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