G|RACK™ 12

DATASHEET

G-Technology®

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

FIVE YEAR LIMITED WARRANTY 5

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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