



WD Red NAS Hard Drive WD20EFAX

Hard drive - 2 TB - internal - 3.5" - SATA 6Gb/s - 5400 rpm - buffer: 256 MB

Group	HDDs
Manufacturer	WD
Manufacturer item no.	WD20EFAX
EAN/UPC	0718037858135

Description

WD's exclusive NASware technology, built into every WD Red hard drive, improves NAS storage performance by reducing common hard drive concerns in NAS systems including concerns for things like compatibility, integration, upgradeability, reliability and cost of ownership that are experienced with a hard drive designed for desktop computers.

Main features

Product Description	WD Red NAS Hard Drive WD20EFAX - hard drive - 2 TB - SATA 6Gb/s
Type	Hard drive - internal
Capacity	2 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Data Transfer Rate	600 MBps
Buffer Size	256 MB
Spindle Speed	5400 rpm
Features	Native Command Queuing (NCQ), Advanced Format technology, NASware technology, 24x7 continuous operation, Error Recovery Control
Dimensions (WxDxH)	101.6 mm x 147 mm x 26.1 mm
Weight	600 g

Extended details

General	
Device Type	Hard drive - internal
Capacity	2 TB
Form Factor	3.5"
Interface	SATA 6Gb/s

Buffer Size	256 MB
Features	Native Command Queuing (NCQ), Advanced Format technology, NASware technology, 24x7 continuous operation, Error Recovery Control
Width	101.6 mm
Depth	147 mm
Height	26.1 mm
Weight	600 g
Performance	
Drive Transfer Rate	600 MBps (external)
Internal Data Rate	180 MBps
Spindle Speed	5400 rpm
Reliability	
MTBF	1,000,000 hours
24x7 Operation	Yes
Non-Recoverable Errors	1 per 10 ¹⁴
Load / Unload Cycles	600,000
Expansion & Connectivity	
Interfaces	1 x SATA 6 Gb/s
Compatible Bay	3.5"
Power	
Power Consumption	4.1 Watt (read/write) † 2.3 Watt (idle) † 0.6 Watt (sleep) † 0.6 Watt (standby)
Miscellaneous	
Compliant Standards	RoHS 2011/65/EU
Manufacturer Warranty	
Service & Support	Limited warranty - 3 years
Environmental Parameters	
Min Operating Temperature	0 °C
Max Operating Temperature	65 °C
Min Storage Temperature	-40 °C
Max Storage Temperature	70 °C
Shock Tolerance (operating)	30 g @ 2 ms
Shock Tolerance (non-operating)	250 g @ 2 ms