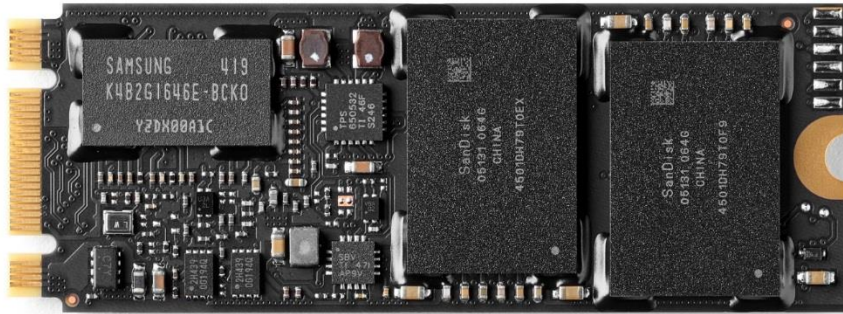


### Overview

#### HP Turbo Drive G2 TLC 512GB Drive



### Model

HP Turbo Drive G2 TLC 512GB Drive

X8U75AA

### HP Business Desktop PC Compatibility

HP ProDesk 490 G3 MT, HP ProDesk 400 G3 DM (Mini), HP ProOne 400 G3 AIO Touch, HP ProOne 400 G3 AIO Non-Touch, HP ProDesk 600 G3 MTW, HP ProDesk 600 G3 SFF, HP ProDesk 600 G3 Desktop Mini, HP ProOne 600 G3 AIO 21.5" Non-Touch, HP EliteDesk 705 G3 MT, HP EliteDesk 705 G3 SFF, HP EliteDesk 800 G3 TWR, HP EliteDesk 800 G3 SFF, HP EliteDesk 800 G3 35W Desktop Mini, HP EliteDesk 800 G3 65W Desktop Mini

**NOTE:** Please check this product's web page on [HP.com](http://HP.com) for current compatibility information.

**NOTE:** Not all models are available in all regions.

### Service and Support

Your Option Limited Warranty is a one (1) year (HP Option Limited Warranty Period) parts replacement warranty on any HP-branded or Compaq-branded options (HP Options). If your HP Option is installed in an HP Hardware Product, HP may provide warranty service either for the HP Option Limited Warranty Period or the remaining Limited Warranty Period of the HP Hardware Product in which the HP Option is being installed, whichever period is the longer but not to exceed three (3) years from the date you purchased the HP Option.

### Technical Specifications

<b>Unformatted Capacity</b>	512 GB*	
<b>Architecture</b>	Solid State Drive with TLC NAND Flash and PCIE interface. Complies with NVMe Standard Power Saving Modes: L1 substates support Multi Queue support	
<b>Interface</b>	PCI-E Gen3 x 4	
<b>Form Factor</b>	M.2 2280	
<b>Height</b>	3.73 mm	
<b>Width</b>	22.00 ± 0.15 mm	
<b>Length</b>	80.00 ± 0.15 mm	
<b>Weight</b>	Up to 8 g	
<b>Bandwidth Performance</b>	Sustained Sequential Read:	Up to 2600 MB/s
	Sustained Sequential Write:	Up to 1200 MB/s
<b>Power</b>	Power consumption:	Active: Typical 6.1W Idle: Typical 80mW L1.2: Typical 5mW
<b>Mean Time Between Failure (MTBF)</b>	1,500,000 hours	
<b>Environmental</b> (all conditions, non-condensing)	Operating Temperature:	32° to 158° F (0° to 70° C)
	Relative Humidity:	5% to 95%
	Shock:	1,500 G/0.5 ms
*NOTE: For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 36 GB (for Windows 10) of system disk is reserved for the system recovery software.		

### Technical Specifications

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### Change Log

Date of change:	Version History:	Description of change:
	V1 to V2	