	P300			
Capacity *1	3 TB	2 TB	1 TB	500 GB
Drive model number	HDWD130	HDWD120	HDWD110	HDWD105
Basic Specifications				
Interface *3	SATA 6.0 Gbit/s	SATA 6.0 Gbit/s	SATA 6.0 Gbit/s	SATA 6.0 Gbit/s
Form Factor	3.5-inch	3.5-inch	3.5-inch	3.5-inch
Sector size	512e	512e	512e	512e
Features				
Drive Bays Supported *2	Non-Public	Non-Public	Non-Public	Non-Public
24 x 7 Operation (Workloads [TB/year] *4)	Non-Public	Non-Public	Non-Public	Non-Public
Performances				
Rotation Speed [rpm]	7,200	7,200	7,200	7,200
Max Data Transfer Speed [MB/s Typ.](Sustained) *3	Non-Public	Non-Public	Non-Public	Non-Public
Buffer Size [MB]	64	64	64	64
Reliability				
MTTF [hours] *5	Non-Public	Non-Public	Non-Public	Non-Public
Unrecoverable Error Rate	1 per 10^{14}	1 per 10^{14}	1 per 10^{14}	1 per 10^{14}
Load/Unload cycles	300,000	300,000	300,000	300,000
Power Requirements				
Supply Voltage	5 V DC ±5 % 12 V DC ±10 %	5 V DC ±5 % 12 V DC ±10 %	5 V DC ±5 % 12 V DC ±10 %	5 V DC ±5 % 12 V DC ±10 %
Power Consumption (Spin up (+12V DC)) [A] *6	2.0	2.0	2.0	2.0
Power Consumption (Operating) [W] *7	6.4	5.8	6.4	6.4
Power Consumption (Active Idle) [W]	5.2	4.4	3.7	3.7
Dimensions				
Height [mm Max.]	26.1	26.1	26.1	26.1
Length [mm Max.]	147.0	147.0	147.0	147.0
Width [mm Max.]	101.85	101.85	101.85	101.85
Weight [g Max.]	680	680	450	450
Bottom holes type *8	TYPE2	TYPE2	TYPE2	TYPE2
Environmental Requirements				
Temperature (Operating) [℃]	0 to 65 (surface)	0 to 65 (surface)	0 to 65 (surface)	0 to 65 (surface)
Temperature (Non-operating) [℃]	-40 to 70	-40 to 70	-40 to 70	-40 to 70
Vibration (Operating)	6.57 m/s^2 {0.67G} (5 to 500 Hz)	6.57 m/s^2 {0.67G} (5 to 500 Hz)	6.57 m/s^2 {0.67G} (5 to 500 Hz)	6.57 m/s^2 {0.67G} (5 to 500 Hz)
Vibration (Non-operating)	10.2 m/s^2 {1.04G} (2 to 200 Hz)	10.2 m/s^2 {1.04G} (2 to 200 Hz)	10.2 m/s^2 {1.04G} (2 to 200 Hz)	10.2 m/s^2 {1.04G} (2 to 200 Hz)
Shock (Operating)	686 m/s^2 {70G} (2 ms duration)	686 m/s^2 {70G} (2 ms duration)	686 m/s^2 {70G} (2 ms duration)	686 m/s^2 {70G} (2 ms duration)
Shock (Non-operating)	2940 m/s^2 {300G} (2 ms half sine)	2940 m/s^2 {300G} (2 ms half sine)	3432 m/s^2 {350G} (2 ms half sine)	3432 m/s^2 {350G} (2 ms half sine)
Acoustics(Sound Power) Idle mode [dB]	27	27	25	25

*1: One Gigabyte (1GB) means 109 = 1,000,000,000 bytes and One Terabyte (1TB) means 1012 = 1,000,000,000,000 bytes using powers of 10. A computer
   operating system, however, reports storage capacity using powers of 2 for the definition of 1GB = 230 = 1,073,741,824 bytes and
   1TB = 240 = 1,099,511,627,776 bytes, and therefore shows less storage capacity. Available storage capacity (including examples of various media files)
   will vary based on file size, formatting, settings, software and operating system and other factors.

*2: As for "Drive Bays Supported", please contact your Solutions Provider because the compatibility with the host device will vary based on the system.

*3: Read and write speed may vary depending on the host device, read and write conditions, and file size.

*4: Workload is defined as the amount of data written, read or verified by commands from host system.

*5: MTTF (Mean Time to Failure) is not a guarantee or estimate of product life; it is a statistical value related to mean failure rates for a large number of products
   which may not accurately reflect actual operation. Actual operating life of the product may be different from the MTTF.

*6: Not including glitch less than 100 μs.

*7: Operating watt is measured using 80% random read/write and 20% performance idle.

*8: Location of bottom mounting hole is different from product. For more information, please see the following page.
   https://toshiba.semicon-storage.com/us/design-support/faq/storage-holes.html