

IBM DS8880F

IBM DS8880F Spec. Table

IBM DS8880F all-flash data systems at a glance				
Offering	DS8882F	DS8884F	DS8886F	DS8888F
Controller model	983 (Single phase)	984 (Single phase)	985 (Single phase) 986 (Three phase)	988 (Three phase)
Expansion model	N/A	N/A	85E (Single phase) 86E (Three phase)	88E (Three phase)
POWER 8 cores per system (min / max)	12	12 / 24	16 / 48	48 / 96
System cache (min / max)	64 GB / 256 GB	64 GB / 256 GB	256 GB / 2,048 GB	1,024 GB / 2,048 GB
Host ports (min / max)	8 / 16	8 / 64	8 / 128	8 / 128
Flash cards (min / max)	16 / 48	16 / 192	16 / 384	16 / 768
Physical storage capacity* (min / max)	6.4 TB / 737.28 TB	6.4TB / 2000 TB	6.4 TB / 5898.24 TB	6.4 TB / 8000 TB
Maximum number of frames	Rack mountable	1	2	3
Maximum number of zHyperLink connections	0	4	12	16
Height in rack units	16U expandable to 17U (with an additional 1U for keyboard/display)	40U	40U expandable to 46U	40U expandable to 46U
Host adapter interfaces	8 Gbps or 16 Gbps Fibre Channel / IBM FICON			
Drive interface	<ul style="list-style-type: none"> Two PCIe Gen3 for attachment to the I/O Micro Bay Eight SAS 6 Gb for attachment to the HPFE Gen2 			
Flash cards	400 GB, 800 GB, 1.6 TB, 3.2 TB, 3.84 TB, 7.68 TB and 15.36 TB			
RAID levels	5, 6 and 10			
Dry bulb temperature	16°C – 32°C (60°F – 90°F)			
Relative humidity	20% – 80%			
Power supply	50/60 Hz			
Warranty	All models: onsite service, same day, 24x7 <ul style="list-style-type: none"> 1 year on type 5331 models 2 years on type 5332 models 3 years on type 5333 models 4 years on type 5334 models 			

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Supported systems	For details on supported servers, visit: https://www-03.ibm.com/systems/support/storage/ssic/interoperability.wss

* Usable capacity depends on factors such as data format, RAID level and spare disks configured. Maximum capacity values are based on fully populated DS8880F systems.

To view the full asset, click [here](#)