

# IBM DS8880F

## IBM DS8880F Spec. Table

<b>IBM DS8880F all-flash data systems at a glance</b>				
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"> <li>• Two PCIe Gen3 for attachment to the I/O Micro Bay</li> <li>• Eight SAS 6 Gb for attachment to the HPFE Gen2</li> </ul>			
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"> <li>• 1 year on type 5331 models</li> <li>• 2 years on type 5332 models</li> <li>• 3 years on type 5333 models</li> <li>• 4 years on type 5334 models</li> </ul>			

**IBM DS8880F all-flash data systems at a glance**

Supported systems	For details on supported servers, visit: <a href="https://www-03.ibm.com/systems/support/storage/ssic/interoperability.wss">https://www-03.ibm.com/systems/support/storage/ssic/interoperability.wss</a>
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\* 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.



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