Record-setting density coupled with top-rated sustainability

FlashSystem 5600

Rack Units	1U
Drive slots	12 drive slots[1]
Supported 5th generation modules • 6.6TB raw - 5.6TB usable – 33.6TB effective • 13.2TB raw - 11.2TB usable - 67.2TB effective • 26.4TB raw - 22.4TB usable - 134.4TB effective • 52.8TB raw - 44.8TB usable - 268.8TB effective	
Max capacity with 12x 44.8TB modules in **1U** • 403TBu - 2.42 PBe	

Maximum density per rack unit = 2.42 PBe

FlashSystem 7600

Rack Units	2U
Drive slots	32 drive slots[2]
Supported 5th generation modules • 6.6TB raw - 5.6TB usable – 33.6TB effective • 13.2TB raw - 11.2TB usable - 67.2TB effective • 26.4TB raw - 22.4TB usable - 134.4TB effective • 52.8TB raw - 44.8TB usable - 268.8TB effective	
Max capacity with 32x 44.8TB modules in 2U • 1.22PBu - 7.29 PBe	

Maximum density per rack unit = 3.64 PBe

FlashSystem 9600

Rack Units	2U
Drive slots	32 drive slots[2]
Supported 5th generation modules • 6.6TB raw - 5.6TB usable – 33.6TB effective • 13.2TB raw - 11.2TB usable - 67.2TB effective • 26.4TB raw - 22.4TB usable - 134.4TB effective • 52.8TB raw - 44.8TB usable - 268.8TB effective • 105.6TB - 89.5TB Usable – 438TB Effective	
Max capacity with 32x 89.5TB modules in 2U • 2.43PBu / 11.88 PBe	

Maximum density per rack unit = 5.94 PBe

29%

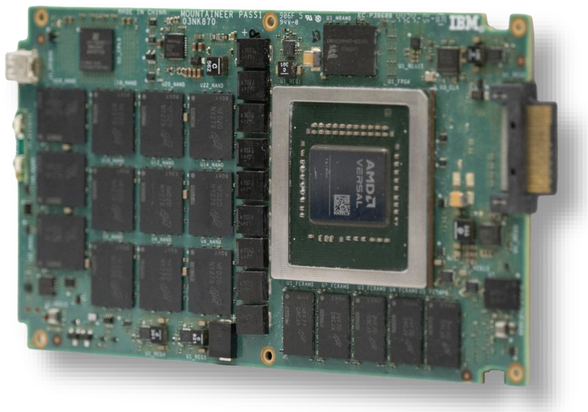
less energy use than a market leading competitor[3].

94.2%

of IBM product waste by weight was diverted from landfills or incineration, in 2023[4].

5th Generation FlashCore Modules

- Enterprise and Datacenter Standard Form Factor (EDSFF)
- Latest 2TB QLC NAND flash technology
- Increased raw capacity
- Increased effective capacity
- Increased performance
- Increased computational offload
- Increased security
- Same FlashCore reliability



Capacity Points in TB	Small	Medium	Large	XL	2XL
Form Factor thickness	1T	1T	1T	1T	1T
RAW Capacity	6.6	13.2	26.4	52.8	105.6
Usable “physical" Capacity (1:1)	5.6	11.2	22.4	44.8	89.6
Maximum Data Reduction	6:1	6:1	6:1	6:1	4.88:1[1]
Effective Capacity	33.6	67.2	134.4	268.8	438.0
Platform Support	x600	x600	x600	x600	9600