

INFORMATION TO BE PROVIDED BY MANUFACTURERS

3.1 Servers

Product name : Express5800/D120h 2U2N

a	product type	Blade server			
b	manufacturer's name, registered trade name and registered trade address at which they can be contacted;	NEC			
c	product model number	EXP712			
		Low-end performance configuration	High-end performance configuration		
		N8101-1369F	N8101-1377F		
d	year of manufacture	2017			
e	PSU efficiency	Power Supply Type	Single output	Single output	
		PSU Efficiency at 10 % , 20 % , 50 % and 100 % of Loadings	90.0%@10% 92.0%@20% 94.0%@50% 91.0%@100%	90.0%@10% 92.0%@20% 94.0%@50% 91.0%@100%	
f	PSU power factor at 50 % of the rated load level	0.980@50%	0.980@50%		
g	PSU rated power output (W)	2200	2200		
h	idle state power(W)	154.2	148.2		
i	list of all components for additional idle power allowances	additional PSU	1	1	
		HDDs or SSDs	2	2	
		additional memory	92	380	
		additional buffered DDR channels	12	12	
		additional I/O devices			
j	maximum power(W)	507.8	617.4		
k	declared operating condition class	A3	A3		
l	idle state power (Watts) at the higher boundary temperature of the declared operating condition class	331	329		
m	the active state efficiency and the performance in active state of the server	20.2	29.5		
n	information on the secure data deletion functionality	Optional TPM Kit (N8115-31) support. The kit follows TPM2.0 Standards, and is not removable after attachment. Please refer to the statements in Express5800/D120h System Configuration Guide.			
o	for blade servers, a list of recommended combinations with compatible chassis	N8141-91F/N8141-94F/N8100-2554F			

p a list of all model configurations	Processors	Xeon Gold 6130 Processor (2.10 GHz, 16C/32T, 22MB, TDP 125W), Xeon Gold 6132 Processor (2.60 GHz, 14C/28T, 19.25MB, TDP 140W), Xeon Gold 6138 Processor (2GHz, 20C/40T, 27.50MB, TDP 125W), Xeon Gold 6140 Processor (2.30 GHz, 18C/36T, 24.75MB, TDP 140W), Xeon Gold 6142 Processor (2.60 GHz, 16C/32T, 22MB, TDP 150W), Xeon Gold 6152 Processor (2.10 GHz, 22C/44T, 30.25MB, TDP 140W), Xeon Platinum 8160 Processor (2.10 GHz, 24C/48T, 33MB, TDP 150W), Xeon Platinum 8164 Processor (2GHz, 26C/52T, 35.75MB, TDP 150W), Xeon Platinum 8160M Processor (2.10 GHz, 24C/48T, 33MB, TDP 150W)
	Memory Type	DDR4-2666 Registered DIMM (8GB/16GB/32GB) DDR4-2666 TSV Registered DIMM (64GB/128GB)
	Storage	2.5-inch SATA Hard Disk Drives (1TB/2TB) 2.5-inch SAS Hard Disk Drives (Value Endurance - 240GB/480GB/960GB/1.92TB, Middle Endurance - 200GB/400GB/800GB) 2.5-inch SATA Solid State Drives (300GB/600GB/900GB/1.2TB/1.8TB) 2.5-inch SAS Solid State Drives (Middle Endurance - 400GB)