

INFORMATION TO BE PROVIDED BY MANUFACTURERS

3.1 Servers

Product name : Express5800/D120h 2U4N

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	EXP711		
		Low-end performance configuration	High-end performance configuration	
		N8101-1093F	N8101-1377F	
d	year of manufacture	2017		
e	Power Supply Type	Single output	Single output	
	PSU efficiency 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)	103.8	102.7	
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)	439.4	1082.5	
k	declared operating condition class	A3	A3	
l	idle state power (Watts) at the higher boundary temperature of the declared operating condition class	212	282	
m	the active state efficiency and the performance in active state of the server	14.6	34.5	
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	N8141-83F/N8141-84F/N8141-92F/N8141-93F/N8100-2553F		

<p>a list of all model configurations</p>	<p>Processors</p>	<p>Xeon Bronze 3106 Processor (1.70 GHz, 8C/8T, 11MB, TDP 85W), Xeon Silver 4108 Processor (1.80 GHz, 8C/16T, 11MB, TDP 85W), Xeon Silver 4110 Processor (2.10 GHz, 8C/16T, 11MB, TDP 85W), Xeon Silver 4114 Processor (2.20 GHz, 10C/20T, 13.75MB, TDP 85W), Xeon Silver 4116 Processor (2.10 GHz, 12C/24T, 16.50MB, TDP 85W), Xeon Gold 5118 Processor (2.30 GHz, 12C/24T, 16.50MB, TDP 105W), Xeon Gold 5120 Processor (2.20 GHz, 14C/28T, 19.25MB, TDP 105W), Xeon Gold 5122 Processor (3.60 GHz, 4C/8T, 16.50MB, TDP 105W), 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 6134 Processor (3.20 GHz, 8C/16T, 24.75MB, TDP 130W), 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)</p>
	<p>Memory Type</p>	<p>DDR4-2666 Registered DIMM (8GB/16GB/32GB) DDR4-2666 TSV Registered DIMM (64GB/128GB)</p>
	<p>Storage</p>	<p>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)</p>