INFORMATION TO BE PROVIDED BY MANUFACTURERS

3.1 Servers

Product name : SX-Aurora TSUBASA A311-4

a	product type		HPC server	
b	manufacturer's name, registered trade name and registered trade address at which they can be contacted;		NEC 5-7-1,Shiba,Minato-ku,Tokyo,Japan	
c	product model number		VSA311	
			Low-end performance configuration	High-end performance configuration
			VSA311	VSA311
d	year of manufacture		2020	
e	PSU efficiency	Power Supply Type	Single output	Single output
		PSU Efficiency at 10 % , 20 %, 50 % and 100 % of Loadings	92.2%@10% 95.1%@20% 96.1%@50% 94.4%@100%	92.2%@10% 95.1%@20% 96.1%@50% 94.4%@100%
f	PSU power factor at 50 % of the rated load level		1.000@50%	1.000@50%
g	PSU rated power output (W)		2000	2000
h	idle state power(W)		355.66262	389.8
i	list of all components for additional idle power allowances	additional PSU	1	1
		HDDs or SSDs	2	2
		additional memory	188	188
		additional buffered DDR channels	0	0
		additional I/O devices	Model:Intel X540 Dual Port 10GBase-T Type:Ethernet Num. Ports : 2 Link Speed:10(Gbps)	Model:Intel X540 Dual Port 10GBase-T Type:Ethernet Num. Ports : 2 Link Speed:10(Gbps)
j	maximum power(W)		482.9	726.1
k	declared operating condition class		A1	A1
l	idle state power (Watts) at the higher boundary temperature of the declared operating condition class		409.66262	443.8
m	the active state efficiency and the performance in active state of the server		11	17.8
n	information on the secure data deletion functionality		Linux Standard Command (shred or dd)	
o	for blade servers, a list of recommended combinations with compatible chassis		—	
p	a list of all model configurations	Processors	Intel Xeon Silver 4208 Intel Xeon Gold 6248	
		Memory Type	DDR4-2933	
		Storage	SSD 960GB	