Built For The Cognitive Era

Faster!

PCle 4

64 GB/s

Total Bandwidth of x16

PCle 1.x 16 GB/s
PCle 2.x 32 GB/s
PCle 3.0 16 GB/s
PCle 4.0 64 GB/s

Smarter!

Brand new design for AI, Big Data and Cloud.

Better!

POWER9

Extreme technology for next decade cognitive era.

System Chassis Dimension
19" 2U rackmount
800(L) x 436(W) x 87(H) mm

Processor
IBM POWER9 LaGrange CPU x2
18/20/22 cores SKU available

Memory
DDR4 RDIMM x 32
Max. size up to 4TB

Operating System
Linux ppc64le
Ubuntu, RHEL, CentOS, SLES, 紅旗

Power Supply
Platinum 2000W (1+1) CRPS

Cooling System
Up to 6 x 6056 fans, max. 20K rpm
Hot plug tool-less fans

Management
ASPEED AST2500, with OpenBMC F/W
RESTful API supported

Drive Bays and Expansion Capability

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<th>NVMe Hybrid</th>
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<td>Gen4 PCle slots (CAPI 2.0)</td>
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<td>x16 FHFL</td>
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<tr>
<td>Gen3 PCle slots</td>
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<td>x8 FHFL</td>
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</table>

Rear Ports
USB 3.0 x 2, Video x 1, Serial x 1
RJ45 x 3:
One dedicated port for BMC;
Two ports for 1GE LOM

Front Ports
USB 3.0 x 1

Network
Broadcom BCM5719, 10/100/1000BASE-T

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