



| Product | SUBJECT | | Dossier | Number | Rev |
|-----------------------|--------------------------------|-------------|---------|-----------|-----|
| BullSequana EX Server | Spare Parts list for EXR & EXD | | 01 | 01 | 02 |
| Issue Date | Writer | Approved by | Domain | Exp. Date | |
| June 22, 2024 | J.Peter | M.Mille | Level 2 | Undef. | |

BullSequana EX servers (EXR & EXD)

| Item No | FRU/CRU | Position | Configuration | Description | P/N GLS |
|---------|---------|----------|-----------------|--|---------------|
| 1 | FRU | Compute | BullSequana EXR | Motherboard + EXR ASSEMBLY(chassis) | 11702894-000 |
| 2 | CRU | chassis | BullSequana EXR | PSU POWER SUPPLY 1200W 1U 228MM L TITANIUM | 21007891-000 |
| 3 | FRU | Compute | BullSequana EXR | EXR SSD DISK MODULE (siemens + Eviden) | 111004328-000 |
| 4 | FRU | Compute | BullSequana EXR | ORA 600W MB POWER CABLE | 111267090-000 |
| 5 | FRU | Compute | BullSequana EXR | ORPDBM MECA ASSEMBLY | 111276858-000 |
| 6 | CRU | Compute | BullSequana EXR | Mezzanine card EXR | 11702891-000 |
| 7 | CRU | Compute | BullSequana EXR | PCIE FAN MODULE | 11702895-000 |
| 8 | FRU | Compute | BullSequana EXR | SINGLE FAN MAIN MODULE | 11702905-000 |
| 9 | FRU | Compute | BullSequana EXR | NVME 124 Signal Cable | 11704282-000 |
| 10 | FRU | Compute | BullSequana EXR | Front Panel Signal Cable | 11704302-000 |
| 11 | FRU | Compute | BullSequana EXR | SATA SIGNAL CABLE ASSEMBLY | 11704422-000 |
| 12 | FRU | Compute | BullSequana EXR | NVME 50 Signal Cable | 11704442-000 |
| 13 | FRU | Compute | BullSequana EXR | 10G Mezzanine Signal Cable | 11704462-000 |
| 14 | FRU | Compute | BullSequana EXR | NVME 74 Signal Cable | 11704482-000 |
| 15 | FRU | Compute | BullSequana EXR | Intrusion Cable | 11834043-000 |
| 16 | FRU | Compute | BullSequana EXR | SBB MANAGEMENT CABLE | 11834044-000 |
| 17 | FRU | Compute | BullSequana EXR | SATA POWER CABLE | 11834047-000 |
| 18 | FRU | Compute | BullSequana EXR | POWER SIGNAL CABLE | 11834050-000 |
| 19 | FRU | Compute | BullSequana EXR | GPU POWER CABLE | 11834051-000 |
| 20 | FRU | Compute | BullSequana EXR | GPU 300W AUX POWER CABLE | 11834053-000 |
| 21 | FRU | Compute | BullSequana EXR | GPU 350W AUX POWER CABLE GLS | 111279243-000 |
| 22 | FRU | Compute | BullSequana EXR | EXR M2 MAIN MODULE ASSY | 11860700-000 |
| 23 | FRU | Compute | BullSequana EXR | EXR MAIN FILTER | 11999708-000 |
| 24 | FRU | Compute | BullSequana EXR | OR1UGRB ASSY | 12002008-000 |
| 25 | FRU | Compute | BullSequana EXR | ORFPB ASSEMBLY(Front panel board) | 12002011-000 |
| 26 | FRU | Compute | BullSequana EXR | ORSBB ASSEMBLY(Sata Backplane module) | 12002017-000 |
| 27 | FRU | Compute | BullSequana EXR | M.2 Card Latch H7.37mm Grey RAL7046 | 23021541-000 |
| 28 | FRU | Compute | BullSequana EXR | M2 2280 Heatsink Assy Height-10.55mm GLS | 23023216-000 |
| 29 | FRU | Compute | BullSequana EXR | ORA-H-D M2 221100 HEATSINK ASSY GLS | 111291460-000 |

Atos Bull-SAS Confidentiel

" Ce document et les informations qu'il contient sont confidentiels et appartiennent à BULL-SAS. Ils sont communiqués uniquement au personnel du Groupe Bull dans le seul but de lui permettre d'exercer ses activités. Ce document ne peut être copié ou diffusé sans l'autorisation formelle de la Direction de BULL SAS Technologie"

Atos Bull-SAS Confidential & Proprietary

" This document and the information contained herein are confidential to and the proprietary of BULL-SAS and are made available only to Bull Group employees for sole purpose of conducting BULL-SAS business.

| | | | | | |
|----|-----|---------|------------------------|--|-----------------|
| 30 | FRU | Compute | BullSequana EXR | ORA-H TOP COVER ASSY | 11702969-000 |
| 31 | FRU | Compute | BullSequana EXR | ORA-H M2 CONFIG ASSEMBLY(Barebone Seimens) | 11703000-000 |
| 32 | FRU | Compute | BullSequana EXR | ORA-H 2P5 CONFIG ASSEMBLY(Barebone Seimens) | 11704000-000 |
| 33 | FRU | Compute | BullSequana EXR | ORA-H EAR SIDE BKT ASSY | 11860689-000 |
| 34 | FRU | Compute | BullSequana EXR | ORA-H RIGHT EAR BKT | 11999719-000 |
| 35 | FRU | Compute | BullSequana EXR | ORA-H LEFT EAR BKT | 11999721-000 |
| 36 | FRU | Compute | BullSequana EXR | Mesca5 CEB 1U Heatsink GLS | 23018229E1B-000 |
| 37 | FRU | Compute | BullSequana EXR | ORA-H SIEMENS BEZEL ASSY GLS | 11999700-000 |
| 38 | FRU | Compute | BullSequana EXR | ORA-H ATOS BEZEL ASSY GLS | 111017500-000 |
| 39 | CRU | Storage | BullSequana EXR | 1x480GB 2.5" 6Gb/s SATA SSD 1.5DWPD GLS | 21008069-000 |
| 40 | CRU | Storage | BullSequana EXR | 1x960GB 2.5" 6Gb/s SATA SSD 1.5DWPD GLS | 21008070-000 |
| 41 | CRU | Storage | BullSequana EXR | 1x1.9TB 2.5" 6Gb/s SATA SSD 1.5DWPD GLS | 21008071-000 |
| 42 | CRU | Storage | BullSequana EXR | 1x3.8TB 2.5" 6Gb/s SATA SSD 1.5DWPD GLS | 21008072-000 |
| 43 | CRU | Storage | BullSequana EXR | 1x7.6TB 2.5" 6Gb/s SATA SSD 1.5DWPD GLS | 21008073-000 |
| 44 | FRU | Compute | BullSequana EXD | Motherboard + EXD MAIN ASSEMBLY(chassis) | 11918008-000 |
| 45 | CRU | chassis | BullSequana EXD | PSU POWER SUPPLY 1300W TITANIUM CRPS | 21007893-000 |
| 46 | FRU | Compute | BullSequana EXD | ORAD BEZEL FILTER | 111031279-000 |
| 47 | FRU | Compute | BullSequana EXD | ORAD 600W MB POWER CABLE | 111268795-000 |
| 48 | FRU | Compute | BullSequana EXD | ORAD Front Panel Signal Cable | 111269340-000 |
| 49 | FRU | Compute | BullSequana EXD | ORAD Intrusion Cable | 111269368-000 |
| 50 | CRU | Compute | BullSequana EXD | PCIE FAN MODULE | 111269432-000 |
| 51 | FRU | Compute | BullSequana EXD | ORA NVME 124 Signal Cable | 11909399-000 |
| 52 | FRU | Compute | BullSequana EXD | ORAD NVME 74 Signal Cable | 11909400-000 |
| 53 | FRU | Compute | BullSequana EXD | ORAD NVME 50 Signal Cable | 11909401-000 |
| 54 | FRU | Compute | BullSequana EXD | ORAD POWER SIGNAL CABLE | 11925065-000 |
| 55 | FRU | Compute | BullSequana EXD | ORAD GPU POWER CABLE | 11925066-000 |
| 56 | FRU | Compute | BullSequana EXD | GPU 300W AUX POWER CABLE | 11925068-000 |
| 57 | FRU | Compute | BullSequana EXD | Power Backplane Board For CRPS PSU | 12002407-000 |
| 58 | FRU | Compute | BullSequana EXD | EXD TOP COVER MAIN ASSY | 111017495-000 |
| 59 | FRU | Compute | BullSequana EX(Common) | CPU INTEL 32C 6421N 1.8GHz/60MB L3/185W GLS | 21008008-000 |
| 60 | FRU | Compute | BullSequana EX(Common) | CPU INTEL 24C 5412U 2.1GHz/45MB L3/185W GLS | 21008009-000 |
| 61 | FRU | Compute | BullSequana EX(Common) | CPU Sapphire G5-5416S 16C 2.0GHz 150W GLS | 21008010-000 |
| 62 | FRU | Compute | BullSequana EX(Common) | CPU Sapphire G6-6418H 24C 2.1GHz 185W GLS | 21008086-000 |
| 63 | FRU | Compute | BullSequana EX(Common) | CPU BullSequana Xeon SPR 24C,185W G5418Y GLS | 21008087-000 |
| 66 | FRU | Compute | BullSequana EX(Common) | CPU Sapphire G6-6416H 18C 2.2GHz 165W GLS | 21008088-000 |
| 67 | FRU | Compute | BullSequana EX(Common) | DDR5 RDIMM 4800MT/s 16GB SR GLS | 21007742-000 |
| 68 | FRU | Compute | BullSequana EX(Common) | DDR5 32GB DR RDIMM 4400 GLS | 21008074-000 |
| 69 | FRU | Compute | BullSequana EX(Common) | DDR5 64GB DR RDIMM 4400 GLS | 21007744-000 |
| 70 | CRU | Storage | BullSequana EX(Common) | NVME 480GB NVMe M2 80mm SSD 1DWPD GLS | 21008067-000 |

Doc. Reference: Spare parts ORA

Page: 2 / 3

Atos Bull-SAS Confidentiel

" Ce document et les informations qu'il contient sont confidentiels et appartiennent à BULL-SAS. Ils sont communiqués uniquement au personnel du Groupe Bull dans le seul but de lui permettre d'exercer ses activités. Ce document ne peut être copié ou diffusé sans l'autorisation formelle de la Direction de BULL SAS Technologie"

Atos Bull-SAS Confidential & Proprietary

" This document and the information contained herein are confidential to and the proprietary of BULL-SAS and are made available only to Bull Group employees for sole purpose of conducting BULL-SAS business.

| | | | | | |
|----|-----|---------|------------------------|---|---------------|
| 71 | CRU | Storage | BullSequana EX(Common) | NVME 1x960GB NVMe M2 80mm SSD 1DWPD GLS | 21008068-000 |
| 72 | CRU | Storage | BullSequana EX(Common) | 1x960GB NVMe M2 110mm SSD 1DWPD GLS | 21008064-000 |
| 73 | CRU | Storage | BullSequana EX(Common) | 1x1.9TB NVMe M2 110mm SSD 1DWPD GLS | 21008065-000 |
| 74 | CRU | Storage | BullSequana EX(Common) | 1x3.8TB NVMe M2 110mm SSD 1DWPD GLS | 21008066-000 |
| 75 | FRU | GPU | BullSequana EX(Common) | NVidia A2 16GB PCIe4x16 60W-no CEC GLS | 21008012-000 |
| 76 | FRU | GPU | BullSequana EX(Common) | NVIDIA L4 24GB GLS | 21008013-000 |
| 77 | FRU | GPU | BullSequana EX(Common) | Nvidia A16 (64GB) GLS | 21007843-000 |
| 78 | FRU | GPU | BullSequana EX(Common) | NVIDIA 1xGPU Card L40 48GB GLS | 21008016-000 |
| 79 | FRU | GPU | BullSequana EX(Common) | NVIDIA L40S 48GB (L80) GLS | 21008080-000 |
| 80 | FRU | Compute | BullSequana EX(Common) | PCIE INTEL AX200 WIFI 6 M2 card GLS | 21008092-000 |
| 81 | FRU | Compute | BullSequana EX(Common) | ORNBB ASSEMBLY(M2 Backplane module) | 12002014-000 |
| 82 | FRU | Compute | BullSequana EX(Common) | ORA-HD SLIDE RAIL-10110525-KI GLS | 23022796-000 |
| 83 | FRU | Compute | BullSequana EX(Common) | Package Carrier Assembly - E1B GLS | 23018279-000 |
| 84 | FRU | Compute | BullSequana EX(Common) | Raiser card ORA M2 B (Option wireless) | 11861147-000 |
| 85 | FRU | Compute | BullSequana EX(Common) | Raiser card ORA M2 M (Add additional M.2) | 11861148-000 |
| 86 | CRU | Compute | BullSequana EX(Common) | CPU FAN MODULE | 111147683-000 |
| 87 | FRU | Compute | BullSequana EX(Common) | Front Panel Power Cable | 11834046-000 |
| 88 | FRU | Compute | BullSequana EX(Common) | GPU 150W AUX POWER CABLE | 11834052-000 |
| 89 | FRU | Compute | BullSequana EX(Common) | NVMe Power Cable | 11834048-000 |
| 90 | FRU | Compute | BullSequana EX(Common) | 10G Mezzanine Power Cable | 11834054-000 |

Atos Bull-SAS Confidentiel

" Ce document et les informations qu'il contient sont confidentiels et appartiennent à BULL-SAS. Ils sont communiqués uniquement au personnel du Groupe Bull dans le seul but de lui permettre d'exercer ses activités. Ce document ne peut être copié ou diffusé sans l'autorisation formelle de la Direction de BULL SAS Technologie"

Atos Bull-SAS Confidential & Proprietary

" This document and the information contained herein are confidential to and the proprietary of BULL-SAS and are made available only to Bull Group employees for sole purpose of conducting BULL-SAS business.