Godì 1.8 E2D-NV8 DLC

Operating System and Hardware Compatibility List

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This document describes the OS and hardware compatibility of the server. For the latest compatibility configuration and the component models not listed in this document, contact your local 2CRSi sales representative.

IMPORTANT

- Using incompatible components may cause the server to work abnormally, and such failures are not covered by technical support or warranty.
- The server performance is strongly influenced by application software, middleware and hardware. The subtle differences in them may lead to performance variation in the application and test software.
    - For requirements regarding the performance of specific application software, contact 2CRSi sales representatives to request proof of concept (POC) and confirm the detailed hardware and software configurations during the pre-sales phase.
    - For requirements on hardware performance consistency, define specific configuration requirements (for example, specific drive models, RAID controller cards, or firmware versions) during the pre-sales phase.

1. Operating System

OS Type	OS Version
Windows	Windows Server: 2022 (64 bit) / 2025 (64 bit)
Linux	Red Hat Enterprise Linux: 9.6 (64 bit) / 10.0 (64 bit) Ubuntu: 22.04 (64 bit) / 24.04 (64 bit) SUSE Enterprise Linux Server: 15 SP7 (64 bit)
Hypervisor	Citrix Hypervisor: 8.2 LTSR CU1 XenServer : 8.4 VMware ESXi(1) : 8.0U3e / 9.0

(1) Not validated with Intel® Xeon® 6700E-Series Processors

2. CPU

Socket	Family	Number	Core	Frequency	Cache	Power	Note
4710	Xeon 6	6787P	Granite Rapids	2GHz	336MB	350W	XCC
4710	Xeon 6	6767P	Granite Rapids	2.4GHz	336MB	350W	XCC
4710	Xeon 6	6760P	Granite Rapids	2.2GHz	320MB	330W	XCC
4710	Xeon 6	6740P	Granite Rapids	2.1GHz	288MB	270W	XCC
4710	Xeon 6	6776P	Granite Rapids	2.3GHz	336MB	350W	HCC
4710	Xeon 6	6762P	Granite Rapids	2.9GHz	320MB	350W	HCC
4710	Xeon 6	6780E	Sierra Forest	2.2GHz	108MB	330W	HDCC
4710	Xeon 6	6746E	Sierra Forest	2GHz	96MB	250W	HDCC
4710	Xeon 6	6740E	Sierra Forest	2.4GHz	96MB	250W	HDCC
4710	Xeon 6	6710E	Sierra Forest	2.4GHz	96MB	205W	HDCC

CPU Carrier:
HCC / LCC / HDCC : E2B
XCC : E2A

3. Memory

Type	Speed	DIMM	Size	Vendor↑	Module
DDR5	6400MHz	RDIMM	64GB	Kingston	KSM64R52BD4-64MD
DDR5	6400MHz	RDIMM	64GB	Samsung	M321R8GA0EB2-CCPWC
DDR5	6400MHz	RDIMM	64GB	Samsung	M321R8GA0EB2-CCPKC
DDR5	6400MHz	RDIMM	64GB	Samsung	M321R8GA0PB2-CCPPC
DDR5	6400MHz	RDIMM	64GB	Samsung	M321R8GA0PB2-CCPWC
DDR5	6400MHz	RDIMM	64GB	Samsung	M321R8GA0PB2-CCPEC
DDR5	6400MHz	RDIMM	64GB	Samsung	M321R8GA0PB2-CCPKC
DDR5	6400MHz	RDIMM	96GB	Samsung	M321RYGA0PB2-CCPPC
DDR5	6400MHz	RDIMM	96GB	Samsung	M321RYGA0PB2-CCPWC
DDR5	6400MHz	RDIMM	96GB	Samsung	M321RYGA0PB2-CCPKC
DDR5	6400MHz	RDIMM	96GB	Samsung	M321RYGA0PB2-CCPEC
DDR5	6400MHz	RDIMM	64GB	Samsung	MDRR644QDBC2-3L000
DDR5	6400MHz	RDIMM	128GB	Samsung	M321RAJA0MB2-CCPPC
DDR5	6400MHz	RDIMM	128GB	Samsung	M321RAJA0MB2-CCPWC
DDR5	6400MHz	RDIMM	96GB	Samsung	MDRRWM4QDBC2-3D000
DDR5	8800MHz	MRDIMM	64GB	Samsung	M327R8GA0EB0-CLVXB

4. NIC

Vendor	Part number	Name	Port speed	Connector	Interface	Physical
NVIDIA(1)	900-9D3B6-00CV-AA0 / 900-9D3B6-00SV-AA0	DPU B3220	2x 200GbE or 2xNDR200	QSFP112	PCIe 5.0 x16	Single-slot FHHL
NVIDIA(1)	900-9D3B6-00CN-AB0 / 900-9D3B6-00SN-AB0	DPU B3240	2x 400GbE or 2xNDR	QSFP112	PCIe 5.0 x16	Dual-slot FHHL
NVIDIA(1)	900-9D3D4-00EN-HA0 / 900-9D3D4-00NN-HA0	SuperNIC B3140H	1x 400GbE or 1x NDR	QSFP112	PCIe 5.0 x16	Single-slot FHHL
BROADCOM	BCM957508-P1200G	P1200G	1x 200GbE	QSFP56	PCIe 4.0 x16	Single-slot FHHL
BROADCOM	BCM957508-P2100G	P2100G	2x 100GbE	QSFP56	PCIe 4.0 x16	Single-slot FHHL
BROADCOM	BCM957608-P2200GQF00	P2200G	2x 200GbE	QSFP112	PCIe 5.0 x16	Single-slot FHHL

(1) The ambient temperature is limited to 30°C when NVIDIA® BlueField®-3 DPUs/SuperNIC™ are installed.

5. NVMe SSD

Product Name	Vendor	Type	Form Factor	Capacity	Interface Speed	Remark
KCMY1RUG1T92	KIOXIA	U.2	2.5" 15mm	1.92TB	PCIe Gen5 x4	VROC support (Intel Only)
MTFDLAL30T7THA	Micron	U.2	2.5" 15mm	30.72TB	PCIe Gen5 x4	
MTFDLAL15T3THA	Micron	U.2	2.5" 15mm	15.36TB	PCIe Gen5 x4	
MTFDLAL7T6THA	Micron	U.2	2.5" 15mm	7.68TB	PCIe Gen5 x4	
MTFDLAL3T8THA	Micron	U.2	2.5" 15mm	3.84TB	PCIe Gen5 x4	
MTFDLAL25T6THB	Micron	U.2	2.5" 15mm	25.6TB	PCIe Gen5 x4	
MTFDLAL12T8THB	Micron	U.2	2.5" 15mm	12.8TB	PCIe Gen5 x4	
MTFDLAL6T4THB	Micron	U.2	2.5" 15mm	6.4TB	PCIe Gen5 x4	
MTFDLAL3T2THB	Micron	U.2	2.5" 15mm	3.2TB	PCIe Gen5 x4	
MTFDLAL61T4THL	Micron	U.2	2.5" 15mm	61.44TB	PCIe Gen5 x4	
MTFDLAL30T7THL	Micron	U.2	2.5" 15mm	30.72TB	PCIe Gen5 x4	
MTFDLAL15T3THG	Micron	U.2	2.5" 15mm	15.36TB	PCIe Gen5 x4	
MTFDLAL7T6THG	Micron	U.2	2.5" 15mm	7.68TB	PCIe Gen5 x4	
MTFDLAL3T8THG	Micron	U.2	2.5" 15mm	3.84TB	PCIe Gen5 x4	
MTFDLAL1T9THG	Micron	U.2	2.5" 15mm	1.92TB	PCIe Gen5 x4	
MTFDLAL12T8THS	Micron	U.2	2.5" 15mm	12.8TB	PCIe Gen5 x4	
MTFDLAL6T4THS	Micron	U.2	2.5" 15mm	6.4TB	PCIe Gen5 x4	
MTFDLAL3T2THS	Micron	U.2	2.5" 15mm	3.2TB	PCIe Gen5 x4	
MTFDLAL1T6THS	Micron	U.2	2.5" 15mm	1.6TB	PCIe Gen5 x4	
XP208H036T40E328T191A	Phison	U.2	2.5" 15mm	6.4TB	PCIe Gen5 x4	VROC support (Intel Only)
XP208H033T20E324T091A	Phison	U.2	2.5" 15mm	3.2TB	PCIe Gen5 x4	VROC support (Intel Only)
XP208H031T60E322T041A	Phison	U.2	2.5" 15mm	1.6TB	PCIe Gen5 x4	VROC support (Intel Only)
XP208H037T68P328T191A	Phison	U.2	2.5" 15mm	7.68TB	PCIe Gen5 x4	VROC support (Intel Only)
XP208H033T84P324T091A	Phison	U.2	2.5" 15mm	3.84TB	PCIe Gen5 x4	VROC support (Intel Only)
XP208H031T92P322T041A	Phison	U.2	2.5" 15mm	1.92TB	PCIe Gen5 x4	VROC support (Intel Only)
XX208H036T40E328T191A	Phison	U.2	2.5" 15mm	6.4TB	PCIe Gen5 x4	VROC support (Intel Only)
XX208H033T20E324T091A	Phison	U.2	2.5" 15mm	3.2TB	PCIe Gen5 x4	VROC support (Intel Only)
XX208H031T60E322T041A	Phison	U.2	2.5" 15mm	1.6TB	PCIe Gen5 x4	VROC support (Intel Only)
XX208H037T68P328T191A	Phison	U.2	2.5" 15mm	7.68TB	PCIe Gen5 x4	VROC support (Intel Only)
XX208H033T84P324T091A	Phison	U.2	2.5" 15mm	3.84TB	PCIe Gen5 x4	VROC support (Intel Only)
XX208H031T92P322T041A	Phison	U.2	2.5" 15mm	1.92TB	PCIe Gen5 x4	VROC support (Intel Only)
MZWLO15THBLA	Samsung	U.2	2.5" 15mm	15.36TB	PCIe Gen5 x4	VROC support (Intel Only)
MZWLO7T6HBLA	Samsung	U.2	2.5" 15mm	7.68TB	PCIe Gen5 x4	VROC support (Intel Only)
MZWLO3T8HCLS	Samsung	U.2	2.5" 15mm	3.84TB	PCIe Gen5 x4	VROC support (Intel Only)
MZWLO1T9HCJR	Samsung	U.2	2.5" 15mm	1.92TB	PCIe Gen5 x4	VROC support (Intel Only)
MZQL23T8HCLS	Samsung	U.2	2.5" 7mm	3.84TB	PCIe Gen4 x4	VROC support (Intel Only)
MZQL21T9HCJR	Samsung	U.2	2.5" 7mm	1.92TB	PCIe Gen4 x4	VROC support (Intel Only)
MZQL2960HCJR	Samsung	U.2	2.5" 7mm	960GB	PCIe Gen4 x4	VROC support (Intel Only)
MZWL615THBLF	Samsung	U.2	2.5" 15mm	15.36TB	PCIe Gen5 x4	VROC support (Intel Only)
MZWL67T6HBLC	Samsung	U.2	2.5" 15mm	7.68TB	PCIe Gen5 x4	VROC support (Intel Only)

MZWL63T8HFLT	Samsung	U.2	2.5" 15mm	3.84TB	PCIe Gen5 x4	VROC support (Intel Only)
MZWL61T9HFLT	Samsung	U.2	2.5" 15mm	1.92TB	PCIe Gen5 x4	VROC support (Intel Only)
MZWL6960HFJA	Samsung	U.2	2.5" 15mm	960GB	PCIe Gen5 x4	VROC support (Intel Only)
SB5PH27X076T	Solidigm	U.2	2.5" 15mm	7.68TB	PCIe Gen5 x4	VROC support (Intel Only)
SB5PH27X038T	Solidigm	U.2	2.5" 15mm	3.84TB	PCIe Gen5 x4	VROC support (Intel Only)
SB5PH27X019T	Solidigm	U.2	2.5" 15mm	1.92TB	PCIe Gen5 x4	VROC support (Intel Only)
SB5PH27E064T	Solidigm	U.2	2.5" 15mm	6.4TB	PCIe Gen5 x4	VROC support (Intel Only)
SB5PH27E032T	Solidigm	U.2	2.5" 15mm	3.2TB	PCIe Gen5 x4	VROC support (Intel Only)
SB5PH27E016T	Solidigm	U.2	2.5" 15mm	1.6TB	PCIe Gen5 x4	VROC support (Intel Only)
SSDPF2KX153T1	Solidigm	U.2	2.5" 15mm	15.36TB	PCIe Gen4 x4	VROC support (Intel Only)
SSDPF2KX076T1	Solidigm	U.2	2.5" 15mm	7.68TB	PCIe Gen4 x4	VROC support (Intel Only)
SSDPF2KX038T1	Solidigm	U.2	2.5" 15mm	3.84TB	PCIe Gen4 x4	VROC support (Intel Only)
SSDPF2KX019T1	Solidigm	U.2	2.5" 15mm	1.92TB	PCIe Gen4 x4	VROC support (Intel Only)
SSDPF2KE064T1	Solidigm	U.2	2.5" 15mm	6.4TB	PCIe Gen4 x4	VROC support (Intel Only)
SSDPF2KE032T1	Solidigm	U.2	2.5" 15mm	3.2TB	PCIe Gen4 x4	VROC support (Intel Only)
SSDPF2KE016T1	Solidigm	U.2	2.5" 15mm	1.6TB	PCIe Gen4 x4	VROC support (Intel Only)
SBFPF2BU153T	Solidigm	U.2	2.5" 15mm	15.36TB	PCIe Gen4 x4	VROC support (Intel Only)
SBFPF2BU076T	Solidigm	U.2	2.5" 15mm	7.68TB	PCIe Gen4 x4	VROC support (Intel Only)
SBFPF2BU038T	Solidigm	U.2	2.5" 15mm	3.84TB	PCIe Gen4 x4	VROC support (Intel Only)
WDS6BA176PSP9X1	WD	U.2	2.5" 15mm	7.68TB	PCIe Gen5 x4	VROC support (Intel Only)
WDS6BA138PSP9X1	WD	U.2	2.5" 15mm	3.84TB	PCIe Gen5 x4	VROC support (Intel Only)
WDS6BA119PSP9X1	WD	U.2	2.5" 15mm	1.92TB	PCIe Gen5 x4	VROC support (Intel Only)
WDS6CA264PSP9X1	WD	U.2	2.5" 15mm	6.4TB	PCIe Gen5 x4	VROC support (Intel Only)
WDS6CA232PSP9X1	WD	U.2	2.5" 15mm	3.2TB	PCIe Gen5 x4	VROC support (Intel Only)
WDS6CA216PSP9X1	WD	U.2	2.5" 15mm	1.6TB	PCIe Gen5 x4	VROC support (Intel Only)
MTFDKCC6T4TFS	Micron	U.3	2.5" 15mm	6.4TB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCC3T2TFS	Micron	U.3	2.5" 15mm	3.2TB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCC1T6TFS	Micron	U.3	2.5" 15mm	1.6TB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCC800TFS	Micron	U.3	2.5" 15mm	800GB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCC6T4TGJ	Micron	U.3	2.5" 15mm	6.4TB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCC7T6TGH	Micron	U.3	2.5" 15mm	7.68TB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCC7T6TGP	Micron	U.3	2.5" 15mm	7.68TB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCC3T8TGP	Micron	U.3	2.5" 15mm	3.84TB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCC1T9TGP	Micron	U.3	2.5" 15mm	1.92TB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCC960TGP	Micron	U.3	2.5" 15mm	960GB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCC6T4TGQ	Micron	U.3	2.5" 15mm	6.4TB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCC3T2TGQ	Micron	U.3	2.5" 15mm	3.2TB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCC1T6TGQ	Micron	U.3	2.5" 15mm	1.6TB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCC800TGQ	Micron	U.3	2.5" 15mm	800GB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCB7T6TFR	Micron	U.3	2.5" 7mm	7.68TB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCB3T8TFR	Micron	U.3	2.5" 7mm	3.84TB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCB1T9TFR	Micron	U.3	2.5" 7mm	1.92TB	PCIe Gen4 x4	VROC support (Intel Only)
MTFDKCB960TFR	Micron	U.3	2.5" 7mm	960GB	PCIe Gen4 x4	VROC support (Intel Only)

6. TPM

Type	Interface	Pin	IC	Model
TPM SPI	SPI	2x 7 pin	SLB9672VU2.0	TPM-SPI/INFINEON