Godì 1.4 SP5-D

Operating System and Hardware Compatibility List

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Applicable Model

Model	Maintenance	Cooling
BRB-GI1-104-SP5D-R1000	Front & Rear access	Air Cooling

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2CRSi is intensely focused on server product safety and has placed a high priority on this. For a better understanding of our server products, carefully read through the following security risk statements.

- When servers are to be repurposed or retired, it is recommended to restore their firmware factory settings, delete information, and clear logs from BIOS and BMC to protect data privacy. Meanwhile, we recommend you wipe the drive data thoroughly and securely with trusted erasing tools.
- For server open-source software statements, please contact 2CRSi Customer Service.
- Some interfaces and commands for production, assembly and return-to-depot, and advanced commands for locating faults, if used improperly, may cause equipment abnormality or business interruption. This is not described herein. Please contact 2CRSi for such information.
- External ports of 2CRSi servers do not use private protocols for communication.
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Meanwhile, you are obligated to establish necessary user privacy policies in accordance with applicable national/regional laws and regulations to fully protect user personal data.

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- 2CRSi will remain committed to the safety of our products and solutions to achieve better customer satisfaction. 2CRSi has established emergency response procedures and action plans for security vulnerabilities, so that product safety issues can be dealt with in a timely manner. Please contact 2CRSi Customer Service for any safety problems found or necessary support on security vulnerabilities when using our products.

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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.

Table of Contents

1. *Operating System* 6
2. *CPU* 7
3. *Accelerators* 8
4. *NIC* 9
5. *Memory* 10
6. *TPM* 11

1. Operating System

OS Type	OS Version
Windows	**EPYC 9004:** Windows Server (64bit): 2019/2022 **EPYC 9005:** Windows Server (64 bit): 2019/2022/2025
Linux	**EPYC 9004:** Red Hat Enterprise Linux (64 bit): 8.6/8.7/9.0/9.1 Ubuntu (64 bit): 20.04.5/22.04/22.10 SUSE Enterprise Linux Server (64 bit): 15 SP4 **EPYC 9005:** Red Hat Enterprise Linux (64 bit): 8.10/9.4 Ubuntu (64 bit): 20.04.5/22.04.5/24.04.2 SUSE Enterprise Linux Server (64 bit): 15 SP6
Hypervisor	**EPYC 9004:** VMware: ESXi 8.0 **EPYC 9005:** VMware: ESXi 9.0

2. CPU

Socket	Family	Model	Core	Frequency	Cache	Power	Since BIOS
SP5	EPYC 9004	9124(100-000000802)	GENOA	3Ghz	64MB	200W	1.15
SP5	EPYC 9004	9174F(100-000000796)	GENOA	4Ghz	256MB	320W	1.15
SP5	EPYC 9004	9184X(100-000000795)	GENOA-X	4Ghz	768MB	320W	1.15
SP5	EPYC 9004	9224(100-000000939)	GENOA	3Ghz	64MB	200W	1.15
SP5	EPYC 9004	9254(100-000000480)	GENOA	3Ghz	128MB	200W	1.15
SP5	EPYC 9004	9274F(100-000000794)	GENOA	4Ghz	256MB	320W	1.15
SP5	EPYC 9004	9334(100-000000800)	GENOA	3Ghz	128MB	210W	1.15
SP5	EPYC 9004	9354(100-000000798)	GENOA	3Ghz	256MB	280W	1.15
SP5	EPYC 9004	9374F(100-000000792)	GENOA	4Ghz	256MB	320W	1.15
SP5	EPYC 9004	9384X(100-000000791)	GENOA-X	3Ghz	768MB	320W	1.15
SP5	EPYC 9004	9454(100-000000478)	GENOA	3Ghz	256MB	290W	1.15
SP5	EPYC 9004	9534(100-000000799)	GENOA	2Ghz	256MB	280W	1.15
SP5	EPYC 9004	9634(100-000000797)	GENOA	2Ghz	384MB	290W	1.15
SP5	EPYC 9005	9015(100-000001553)	TURIN	4Ghz	64MB	125W	10.06
SP5	EPYC 9005	9115(100-000001552)	TURIN	3Ghz	64MB	125W	10.06
SP5	EPYC 9005	9135(100-000001150)	TURIN	4Ghz	64MB	200W	10.03
SP5	EPYC 9005	9175F(100-000001145)	TURIN	4Ghz	512MB	320W	10.06
SP5	EPYC 9005	9255(100-000000694)	TURIN	3Ghz	128MB	200W	10.06
SP5	EPYC 9005	9275F(100-000001144)	TURIN	4Ghz	256MB	320W	10.06
SP5	EPYC 9005	9335(100-000001149)	TURIN	3Ghz	128MB	210W	10.06
SP5	EPYC 9005	9355(100-000001148)	TURIN	4Ghz	256MB	280W	10.03
SP5	EPYC 9005	9365(100-000001448)	TURIN	3Ghz	192MB	300W	10.06
SP5	EPYC 9005	9375F(100-000001197)	TURIN	4Ghz	256MB	320W	10.06
SP5	EPYC 9005	9455(100-000001542)	TURIN	3Ghz	256MB	300W	10.06
SP5	EPYC 9005	9535(100-000001147)	TURIN	2Ghz	256MB	300W	10.06
SP5	EPYC 9005	9645(100-000001461)	TURIN	2Ghz	256MB	320W	10.06

CAUTION

- **Processor limited to 280W cTDP when 4 accelerators at 200W.**
- **Processor limited to 210W cTDP when 4 accelerators at 350W.**

3. Accelerators

Vendor	Type	Models
NVIDIA	GPU	L40S
ReflexCES	FPGA	XpressGX S10-FH800G
Axelera	AIPU	Europa 1
Axelera	AIPU	Europa 4

4. NIC

Vendor	Part number	Name	Port speed	Connector	Interface	Physical
NVIDIA	900-9X766-003N-SR0	ConnectX-7	1x 400GbE/NDR	OSFP	PCIe 5.0 x16	Single-slot HHHL
NVIDIA	900-9X766-003N-ST0	ConnectX-7	1x 200GbE	OSFP	PCIe 4.0 x16	Single-slot HHHL
NVIDIA	900-9X7AH-0078-DTZ	ConnectX-7	2x 200GbE	QSFP112	PCIe 5.0 x16	Single-slot HHHL
Broadcom	BCM957608-P2200GQF00	P2200G	2x 200GbE	QSFP112	PCIe 5.0 x16	Single-slot LP
Broadcom	BCM957414A4142CC	P225P	2x 25GbE	SPF28	PCIe 3.0 x8	Single-slot LP
Broadcom	BCM957416A4160C	P210TP	2x 10GbE	RJ45	PCIe 3.0 x8	Single-slot LP

Other SKU configurations available upon request, contact your 2CRSi representative.

5. Memory

Type	Speed	DIMM	Size	Vendor	Module	Part No
DDR5	4800	RDIMM	16GB	Kingston	KSM48R40BS8KMM-16HMR	H5CG48MEB0X 014
DDR5	5600	RDIMM	24GB	Micron	MTC10F108YS1RC56BB1 NMCC	3DB75D8DCN
DDR5	4800	RDIMM	32GB	Kingston	KSM48R40BD8KMM-32HMR	H5CG48MEB0X 014
DDR5	4800	RDIMM	32GB	Micron	MTC20F2085S1RC48BA1 JCCG	IUA45D8BNJ
DDR5	5600	RDIMM	48GB	Micron	MTC20F208XS1RC56BB1 MMCC	3HB75D8DCN
DDR5	6400	RDIMM	64GB	Hynix	HMCG94AHBRA480N	H5CG44AHBD X018
DDR5	4800	RDIMM	64GB	Micron	MTC40F2046S1RC48BA1 MGCC	IXA47D8BNH
DDR5	5600	RDIMM	96GB	Micron	MTC40F204WS1RC56BB1 IMCC	3IB75D8DCL

6. TPM

Type	Interface	Pin	IC	Model
TPM SPI	SPI	13 pin	SLB9672VU20	TPM-SPI/INFINEON
TPM SPI	SPI	13 pin	SLB9672VU2.0	TPM-SPI/9672/V15.23
TPM SPI	SPI	13 pin	SLB9672VU2.0	TPM-SPI/9672/V15.24
TPM SPI	SPI	13 pin	SLB9670VQ2.0	TPM-SPI/INFINEON