

# Wiwynn SV302G3 Series AVL

## (1U 19" Multi-node Server)



Please check the Wiwynn Approved Vendor List (AVL) to ensure compatibility when selecting components for full system integration.

The listed components have passed extensive compatibility tests using Wiwynn hardware. Wiwynn does not guarantee the quality and reliability of third-party components. This AVL is for reference only and not intended for replacement of the full Wiwynn hardware certification program.

※BMC:V5.04/BIOS:FRD205

### CPU

Vendor	Model	Vendor P/N	Core	Watt	Frequency	Remark
Intel	6230	CD8069504193701	20C	125W	2.1G	BMC: V2.00/ BIOS: SV302G3D03
Intel	6240	CD8069504194001	18C	150W	2.6G	BMC: V2.00/ BIOS: SV302G3D03
Intel	6242	CD8069504194101	16C	150W	2.8G	BMC: V2.00/ BIOS: SV302G3D03
Intel	6252	CD8069504194401	24C	150W	2.1G	BMC: V2.00/ BIOS: SV302G3D03
Intel	8253	CD8069504194601	16C	125W	2.2G	BMC: V2.00/ BIOS: SV302G3D03
Intel	8256	CD8069504194701	4C	105W	3.8G	BMC: V2.00/ BIOS: SV302G3D03
Intel	6238T	CD8069504200401	22C	125W	1.9G	BMC: V2.00/ BIOS: SV302G3D03
Intel	6244	CD8069504194202	8C	150W	3.6G	BMC: V2.00/ BIOS: SV302G3D03
Intel	6248	CD8069504194301	20C	150W	2.5G	BMC: V2.00/ BIOS: SV302G3D03
Intel	4214	CD8069504212601	12C	85W	2.2G	BMC: V4.04/ BIOS: FRD04
Intel	4216	CD8069504213901	16C	100W	2.1G	BMC: V4.04/ BIOS: FRD04
Intel	4214R	CD8069504343701	12C	100W	2.4G	BMC:V5.04/ BIOS: FRD205
Intel	5218R	CD8069504446300	20C	125W	2.1G	BMC:V5.04/ BIOS: FRD205

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## Memory

Vendor	Model	SDRAM Type	Size	Frequency	Remark
Samsung	M393A4K40CB2-CTD	DDR4 RDIMM	32GB	2666MHz	BMC: V2.00/ BIOS: SV302G3D03
Samsung	M393A2K40CB2-CVFBQ	DDR4 RDIMM	16GB	2933MHz	BMC: V2.00/ BIOS: SV302G3D03
Micron	MTA36ASF4G72PZ-2G6E1	DDR4 RDIMM	32GB	2666MHz	BMC: V4.04/ BIOS: FRD04
Samsung	M393A4K40CB2-CTD	DDR4 RDIMM	32GB	2666MHz	BMC: V4.04/ BIOS: FRD04
Hynix	HMA84GR7CJR4N-VK	DDR4 RDIMM	32GB	2666MHz	BMC:V5.04/ BIOS: FRD205
Micron	MTA36ASF4G72PZ-2G6E1	DDR4 RDIMM	32GB	2666MHz	BMC:V5.04/ BIOS: FRD205
Hynix	HMA84GR7CJR4N-WM	DDR4 RDIMM	32GB	2933MHz	BMC:V6.04/ BIOS:FRP04
Micron	MTA36ASF4G72PZ-2G6J1	DDR4 RDIMM	32GB	2666MHz	BMC:V6.04/ BIOS:FRP04

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※BMC:V5.04/BIOS:FRD205

## SSD

Vendor	Model	Interface	Bandwidth	Form Factor	Capacity	NAND Type	Remark
Lite On	SSD-M 256GB M.2 22110 CA3-8D256 LITEON	M.2 / PCIe	PCIe Gen3 x 4	M.2 / PCIe	256GB	TLC	EOL (2019)
INTEL	SSD P4510 2.5" 1TB NVME MM#959391	U.2 / PCIe	PCIe Gen3 x 4	U.2 / PCIe	1TB	TLC	BMC: V2.00/ BIOS: SV302G3D03
INTEL	SSD P3500 2.5" 2TB NVME	U.2 / PCIe	PCIe Gen3 x 4	U.2 / PCIe	2TB	TLC	EOL (2019)
INTEL	SSD-M 256G INTEL P4101 M.2 FW006D	M.2 / PCIe	PCIe Gen3 x 4	M.2 / PCIe	256GB	TLC	BMC: V4.04/ BIOS: FRD04
TOSHIBA	SSD-M 256GB M.2 2280 KXG60ZNV256G	M.2 / PCIe	PCIe Gen3 x 4	M.2 / PCIe	256GB	TLC	BMC: V4.04/ BIOS: FRD04
LITEON	SSD-M 256GB M.2 22110 CA3-8D256 LITEON	M.2 / PCIe	PCIe Gen3 x 4	M.2 / PCIe	256GB	TLC	EOL (2019)
INTEL	SSD 1TB INTEL P4510 U.2 10PK	U.2 / PCIe	PCIe Gen3 x 4	U.2 / PCIe	1TB	TLC	BMC: V4.04/ BIOS: FRD04
SAMSUNG	SSD-P PM983 U.2 NVMe 960GB MZQLB960HAJR-00007	U.2 / PCIe	PCIe Gen3 x 4	U.2 / PCIe	1TB	TLC	BMC: V4.04/ BIOS: FRD04
MICRON	SSD-M 4TB 2.5" MTFDHAL3BTDP-1AT1ZABYY	U.2 / PCIe	PCIe Gen3 x 4	U.2 / PCIe	4TB	TLC	BMC: V4.04/ BIOS: FRD04
INTEL	SSD 4TB INTEL P4510 U.2 10PK FWVDV10131	U.2 / PCIe	PCIe Gen3 x 4	U.2 / PCIe	4TB	TLC	BMC: V4.04/ BIOS: FRD04
LITEON	CA5-8D256	M.2 / PCIe	PCIe Gen3 x 4	M.2 / PCIe	256GB	TLC	BMC: V6.04/ BIOS: FRP04
INTEL	P4510/SSDPE2KX010T810	U.2 / PCIe	PCIe Gen3 x 4	U.2 / PCIe	1TB	TLC	BMC: V6.04/ BIOS: FRP04
MICRON	MTFDHAL3BTDP-1AT1ZABYY	U.2 / PCIe	PCIe Gen3 x 4	U.2 / PCIe	4TB	TLC	BMC: V6.04/ BIOS: FRP04

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※BMC:V5.04/BIOS:FRD205

## LAN & NIC Card

Vendor	Model	Interface	Speed	Form Factor	Type	Ports	Remark
Mellanox	MCX4411A-ACQN	PCIe gen3	25Gbps	OCP Mezz	SFP+	1 ports	BMC: V2.00/ BIOS: SV302G3D03
Broadcom	M225p/ BCM957414M4142C	PCIe gen3	25Gbps	OCP Mezz	SFP+	1 ports	BMC: V2.00/ BIOS: SV302G3D03
Broadcom	M125p/ BCM957412M4122C	PCIe gen3	25Gbps	OCP Mezz	SFP+	1 ports	BMC: V4.04/ BIOS: FRD04
Mellanox	MCX4411A-ACQN	PCIe gen3	25Gbps	OCP Mezz	SFP+	1 ports	BMC: V4.04/ BIOS: FRD04
Mellanox	MCX4411A-ACUN	PCIe gen3	25Gbps	OCP Mezz	SFP+	1 ports	BMC: V6.04/ BIOS: FRP04

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## PSU

Vendor	Model	Interface	Capacity	Remark
Lite On	SPS CRPS 1U 1300W LITEON 73.5X185 PLATIN	CRPS	1300W	BMC: V2.00/ BIOS: SV302G3D03
Acbel	R1CA2801A-P07C	CRPS	800W	BMC: V4.04/ BIOS: FRD04
Artesyn	CSU800AP-3-604	CRPS	800W	BMC: V6.04/ BIOS: FRP04
Artesyn	CSU1300AP-3-604	CRPS	1300W	BMC: V6.04/ BIOS: FRP04