

ZenDNN 5.1 Support Matrix

	Zentf	Zentorch
Release Version	5.1	5.1
Release Date	Aug, 2025	Aug, 2025
manylinux Support (Based on Alma Linux GCC version 13.3)	manylinux_2_28	manylinux_2_28
glibc Version	2.28	2.28
Python Version	• 3.9 • 3.10 • 3.11 • 3.12	• 3.9 • 3.10 • 3.11 • 3.12 • 3.13
Compiler	GCC v13.3	GCC v13.3
Wheel File Release	Yes	Yes
Wheel File built with ZenDNN and AOCL-BLIS	Yes, v5.1	Yes, v5.1
Wheel File Built with FBGEMM	No	Yes, v1.2.0
C++ Interface Release	Yes	No
Java Interface Support	Yes, v1.0.0*	No
vLLM Plugin interface	No	Yes, v0.9.0**
Compatible with OS	• Ubuntu 20.04, 22.04, 24.04 • RHEL 8.6, 9.2, 9.5 • Anolis 8.8, 8.9 • SLES15 SP3, SP6 • RockyLinux 8.10, 9.4	• Ubuntu 20.04, 22.04, 24.04 • RHEL 8.6, 9.2, 9.5 • Anolis 8.8, 8.9 • SLES15 SP3, SP6 • RockyLinux 8.10, 9.4
Not Compatible with OS	N/A	N/A
Compatible H/W	3 rd , 4 th , and 5 th Gen AMD EPYC™ processors	3 rd , 4 th , and 5 th Gen AMD EPYC™ processors
Data Types	• FP32 • INT8 • BF16	• FP32 • INT8 • BF16 • WoQ(INT4)
* v1.0.0 is the version of TensorFlow Java ** v0.9.0 is the version of vLLM		
System's GCC version should be greater than or equal to 9.4 for torch.compiler flow		