

A Linux (Ubuntu 18.04.6 LTS) workstation was used to train the machine learning models and run all the numerical simulations. Table 1 shows the hardware configuration.

Table 1: Hardware configuration.

DESCRIPTION	QUANTITY
16GB DDR4 3200 MHz (RAM MEMORY)	16
SAMSUNG 970 EVO PLUS 2TB (SSD/SOLID STATE DRIVE)	1
SEAGATE IRONWOLF PRO 4TB SATA (HDD/HARD DRIVE)	3
NVIDIA QUADRO RTX 4000 (VIDEO CARD)	1
AMD 32 CORE 2ND GEN EPYC 7452 (CPU/PROCESSOR)	2