



TECHNICAL WHITE PAPER

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Mechanical, Fluent, CFX,
HFSS, Maxwell



**SIMULATION - ANSYS MECHANICAL,
FLUENT, CFX, HFSS, MAXWELL**

- Application workflow benefits from more CPU cores. Note: Higher clock frequency will also benefit application performance
- Application workflow benefits from 4- 8 GB graphics memory (dedicated graphics)
- Processor technology supports multi-channel memory and multi-slot memory per channel. Populate channels with identical memory types and sizes in the first slot set and then the second slot set (if second slot set available). Processor with 6 channel design: 96 GB (12x8GB), 192 GB (12x16 GB DIMM) or 384 GB (24x16 GB)
- The operating system and application install benefits from an SSD storage device. The application workflow benefits from a dedicated SSD or NVMe storage device. Application data archive storage space benefits from a dedicated 3rd large storage device

Workspace environment is desk and space allow for a desktop tower chassis.



HP Z8 G4	
Processor:	2x Intel® Xeon® Gold 6254 3.1-4.0GHz 18 core
Memory:	192 GB
Storage:	512 GB SSD + 1 TB M.2 + 4 TB SATA
Graphics:	NVIDIA® Quadro RTX™ 4000
Operating System:	Windows 10 Pro

Workspace environment is both laptop on desk and mobile. Note: There is suitable space for docking and display.



HP ZBook 15 G6	
Processor:	Intel® Core™ i9-9880H 2.3-4.8 GHz, 8 core
Memory:	64 GB
Storage:	512 GB M.2 + 1 TB M.2
Graphics:	NVIDIA® Quadro RTX™ 3000
Operating System:	Windows 10 Pro
Display:	15.6 FHD AG LED UWA 250 wHDC slim



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