The Ideal Workstation
long life span, upgradeability, expandability, reliability

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Processor (Quad Core or Xeon Processors)
With Quad Cores, the ability to multitask using multiple cores for different computational tasks can help significantly optimize the product development workflow, a process that has traditionally been very fragmented.

Video (Quadro FX 3700; dual VGA SLI up to 9800GTX)
Quadro FX cards are the pinnacle for engineering systems and for a wide range of design, digital-content creation, and visualization applications.

Storage and Data Backup (RAID 0/1/5 capabilities; up to 1.5TB or storage; SSD (Solid State Drives) support for max performance; Blu-Ray Writer capabilities for backups)

High Quality Mechanical Design (To provide a long term lifespan and proven performance in any environment)

Architecture (64bit)
With the recent 64-bit technology breakthroughs – processors, Operating Systems, workstations, and CAD applications – designers and engineers finally have a way to boost their speed in product development, and get to the finish line first.

Memory (8GB+ High Performance RAM)
8GB+ is RECOMMENDED for CAD/CAM systems when you run them in "Large Assembly Mode." For example, SolidWorks makes this recommendation. With CAD systems being RAM hungry programs, increased RAM is an essential investment.

Uninterruptible Power Supply (Internal Battery)
Allows for secure safe backup of critical data during power failures by utilizing...