

# Mosaic Supported Workstations

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Effective: January 27, 2012

## Introduction

All College of Engineering faculty and staff receive a managed Mosaic based workstation with Mosaic Windows , Mosaic Linux, or a system set up in dual mode to allow simultaneous instances of Mosaic Windows and Mosaic Linux. These systems are maintained by the Mosaic Group while they are under warranty. If the budget permits, these workstations are refreshed on a three year basis. When refreshed, the machine is replaced with the most current configuration supported by the Mosaic Group. The Mosaic Group makes an extensive assessment, on a regular basis, of different PC classifications from a multitude of makes and models from Dell, HP, and Apple. The assessment involves building the workstation with the complete version of Mosaic Windows and Mosaic Linux before being benchmarked to evaluate the true performance of these systems. Using this data we can then make workstation suitability assessments looking at all factors including ergonomics, maintenance, as well as price vs. performance.

If a faculty or staff member of the College of Engineering need additional Mosaic workstations or any specialized configurations to support research, graduate students or projects, they may do so in one of the following ways:

1. Using research funds
2. Using departmental funds
3. Requesting a secondary system from any that are available in the Mosaic inventory (these are older systems and may no longer be under warranty) with approval from the department chair or the Dean.

Please contact the Mosaic Help Desk to if you have any questions about the supported Mosaic workstations, including how to get a quote.

The Mosaic Group offers both an HP All In One and the Dell OptiPlex 990 as desktop systems. The specifications are outlined in the following sections:

## Dell OptiPlex 990

Chassis	OptiPlex 990 Minitower
Processor	Intel Core i7 2600 (3.4 GHz, 8M)
Memory	8 GB DDR 3 1333 MHz Dual Channel SDRAM (2 x 4 GB)
Video Cards	1 GB AMD Radeon HD 6670
Hard Drive	500 GB 6 Gb/s SATA with 16 MB DataBurst Cache
Removable Media	16X DVD +/- RW
Monitor	Dell UltraSharp 24" Widescreen
Hardware Support Services	4 Year Basic Hardware Service with 4 Year NBD Limited Onsite Service After Remote Diagnosis



## HP All In One

Chassis	HP Touchscreen 9300 Elite All In One PC
Processor	Intel Core i7 2600 (3.4 GHz, 8M)
Memory	8GB PC3-10600 SODIMM (2x4GB)
Video Cards	ATI MXM30 Viper 1 GB
Hard Drive	1 TB 6 Gb/s SATA
Removable Media	HP Slim Slot Load 8x SuperMulti Drive
Monitor	23" Touchsmart Widescreen
Hardware Support Services	AiO 3-3-3 Warranty

