**Computers**

This document records notes regarding the computers owned by the AFSL.

# Computer Listing

Table 1: Listing of various computers in the AFSL

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Computer Name** | **Type** | **Assigned To** | **Comment** | **Recommendations** |
| AFSL01 | Dell Optiplex 780 |  | Located at Dai’s desk | Could benefit from additional hard drive space |
| AFSL02 | Dell Optiplex 780 |  | Suitable for lab member use | Additional hard drive, RAM (room for 3 additional 1066 MHz or 1333 MHz 2GB sticks) |
| AFSL03 | Dell Optiplex 780 | AIARG | Used for icing research |  |
| AFSL04 | Custom built desktop | Alec Bueing |  | Room for two more 4 GB RAM sticks (or you could put 8GB sticks in all 4 slots), type is 240 pin DDR3 |
| AFSL05 | Custom built desktop | Ward Handley |  | Same as AFSL04 |
| AFSLPrecision01 |  |  | ICOMC2 Partners Program | Install P4V |
| AFSLPrecision02 |  |  | ICOMC2 Partners Program | Install P4V |
| AFSLCondor | Custom built desktop |  | Ground Control Station for field operations (it has a designated license of Matlab) | Same as AFSL04,  Could have SSD added, but transfer of OS between drives to maximize utilization may be complex process |
| Bingen/chrisl |  | RESTRICTED ACCESS | Insitu laptop from search development work. |  |
| LumDellPrecision6800 | Dell Precision M6800 | Christopher Lum |  |  |
| LumHPEnvy3D | HP Envy 3D | Robert Larson | Sometimes overheats |  |
| LumSurfacePro2 | Microsoft Surface Pro 2 | Christopher Lum |  |  |
| MICA7 | Dell Optiplex GX620 |  | MatLab and Perforce don’t open on this computer | Scrap |
| MICA9 | Dell Optiplex GX620 |  | Slow and runs XP | Scrap |
| MICA-D1 | Dell Optiplex GX620 |  | Slow to start, display has pink tint | Replacing GPU is likely more expensive than replacing whole computer, so scrap |
| UWAALAB60 | HP Workstation xw4200 |  | Slow, no room for RAM upgrades | Scrap |
| MICA-E4 | Compaq Evo |  | Not too slow for its age | Avoid computationally intensive uses – stick to internet research |
| afslserver | HP Z400 Workstation |  | Under the soldering station. | Avoid using as a dedicated workstation. Should only be used as a server. |

# LumHPEnvy3D

* This computer has a tendency to overheat so it should be elevated or placed on a cooling pad.

# Cables

HDMI to DVI (x2)

DVI to DVI (x2)

DisplayPort to DVI or VGA (x3)

# Static IPs

Table 2: Listing of static IPs assigned to the AFSL

|  |  |  |
| --- | --- | --- |
| **Static IP** | **Date Issued** | **Computer Assigned (hostname)** |
| 128.95.35.206 | 2017/12/19 | afslserver |
| 128.95.35.207 | 2018/04/05 | AFSL04 |

*Table* 3*: Information for configuring one of the given static IPs*

|  |  |
| --- | --- |
| **Default gateway** | 128.95.35.100 |
| **Subnet mask** | 255.255.255.0 |
| **DNS servers** | 128.95.112.1, 128.95.120.1 |