

University of Toronto – Faculty of Information
Master of Information Student Council
October 6th, 2011; 5:10-6:30 pm
Student Lounge, 7th Floor, Claude Bissell Building

Meeting Minutes

Present: Katie Cuyler, Melissa Bell, Amy Weir, Stephanie Quail, Jaclyn Derlatka, Koren Siddles, Lindsay Gibb, Emily Porta, Heather Buchanksy, Pam Murray, Laura Chadwick, Coralee Leroux, Sarah-Anne de Groot, Brooke Gardhouse, Lindsay Timmins, Val Stevens, Jen White, David Jorjani, Fatima Elzaibak, Jessica Gallinger, Sara Allain, Victoria Baranow, Shawna Delgaty, Adam Fox, Claudio Munoz, Martin Dreissen, Sanjin Kuduzovich, Andrew Zanier, Simren Singh
Official Regrets: Ross Newton
Absent: None

Recorder: Shawna Delgaty

1. Approval of Agenda – Approved @ 5.11 pm
2. Reading and Approval of the Minutes September 15 – Approved
3. Business Arising from the Minutes – None
4. Executive Committee reports:
 - a. President (Victoria)
 - i. Michelle has resigned as 2nd year Tech Fund Representative and as such we need to appoint a 2nd year Tech Fund rep.
MOTION put forward by Victoria to appoint Claudio Munoz to the position of 2nd Year Tech Fund Representative.
Seconded by Val Stevens.
Discussion: None
For: Unanimous
Against: None.
 - ii. There were no nominations for 1st year Tech Fund rep and, as such, we will need to appoint one.
MOTION put forward by Victoria to appoint Emily Porta to the position of 1st Year Tech Fund Representative.
Seconded: Val Stevens.
Discussion: None
Vote for: Unanimous.
Vote against: None.
 - iii. The Inforum Committee and IT Services Committee merged into a single committee in the previous academic year. The previous student council did not make us aware of this change, nor did they update the constitution. As such, we now have two elected representatives – Ross Newton and David Jorjani -- where we should have one.
MOTION put forward by Victoria to appoint Ross Newton to the position of Information Services Committee Representative.
Seconded: Adam Fox.
Discussion: None
Vote for: Unanimous.
Against: None.

- iv. After the election, we still have several Faculty Council Representative positions still vacant which we need to fill. There are a few people who have already made us aware of their desire to be faculty council reps. MOTION put forward by Victoria to appoint the following students to position of Faculty Council Representative, as there are currently 7 vacant positions:
1. David Jorjani:
 2. Sarah-Anne de Groot:
 3. Fatima Elzaibak:
 4. Amy Weir
- Seconded by Sara Allain.
Discussion: None
For: Unanimous.
Against: None.
- A call for volunteers was held to fill the remaining positions in on Faculty Council. The call for remaining representatives was met by Andrew Zanier.
Seconded: Heather.
Discussion: None
Vote for: Unanimous.
Against: None.
- Another call for representatives was answered by: Emily Porta and Sanjin Kuduzovich
MOTION put forward by Victoria to appoint Emily and Sanjin to the positions of Faculty Council Representative
Seconded: Sara Allain.
Discussion: None
Vote: Unanimous.
Against: None.
- The additional Faculty Council Representatives elected at this meeting for 2011-12 are David Jorjani, Sarah-Anne de Groot, Fatima Elzaibak, Amy Weir, Andrew Zanier, Emily Porta, and Sanjin Kuduzovich
- v. General reminders and Updates
1. The Lounge Cleanup Schedule is on the fridge. Victoria will update with all of the new appointees. Duties include cleaning off the tables and in the microwave. Supplies are located in the cupboard under the microwave.
 2. Those who received an e-mail from Victoria will have access to the MISC office through the key available in the Inforum. We are trying to limit the amount of traffic in the office. Also, as a general reminder for use of the MISC office, please keep your use of the MISC office pertinent to MISC business. It is not for personal use.
 3. December meeting will be moved to Dec. 15th at 5:30pm. We can proceed to the holiday party from there.
- vi. The Faculty is trying to proceed with fundraising for new materials, possible building, etc. Victoria met with Robin to discuss the possibility of

investing some of the Tech Fund money to create an endowment for students. Robin will look into whether or not the Information Services Committee within our faculty has an existing plan for something similar or what their financial goals are. Robin was going to meet with Seamus and they agreed that they will need more information before we can decide on an endowment. Robin did suggest that the Tech Fund find out what other universities have that we could also use Tech Fund money for.

- b. Vice President (Jessica Gallinger) – No Report
 - c. Treasurer (Sara)
 - i. Head grant and Update on Financial Health: The MISC account closed at \$19,942. We just got our first student fee cheque of almost \$6000. We will be getting a second cheque in January. We also get a head grant from the GSU and we can expect approx. another \$7000 from that. Last month's expenses were from PD's events. We also finally got invoices from all of the merchandise. We spent about \$4000 on new merchandise. Social spent just under \$300 at our pub night, which was technically over budget but the under-budget orientation barbecue makes up for it.
 - d. Secretary (Shawna)
 - i. Elections review: Participation in the elections was higher than in spring elections. We had good participation overall, with candidates from streams other than LIS and ARM, particularly in IS&D. During the elections we have 118 voters come out to support candidates.
 - e. Webmaster (Martin)
 - i. Martin needs small bios from new council members, and maybe a picture.
 - ii. Martin is still waiting to hear from Sara's sister about the logo for the MI website. Victoria will follow up with Sara's sister shortly.
5. Reports by Committees:
- a. Social Committee (Koren and Lindsay)
 - i. Pub Night and Pot Luck Review: Participation in the pub night was good overall, but the venue wasn't conducive to mingling. Potluck had delicious food but not a good turnout. Thoughts for improving turnout include advertising earlier, and perhaps holding it in the evening instead of at lunch time.
 - ii. Upcoming: Games night will be on the 19th of October, possible time was 3-6.30 but this will be an overlap with the iTea. Possibly need to think of another date because of overlap; for example, on Thursday the 20th there are no classes from 4-6.30. December 15th will be the holiday pub night.
 - b. Professional Development (Heather)
 - i. Clubs & Associations and Ulla de Stricker Review: Clubs and Associations had a good turnout. Resume clinic also had a good turnout – approx. 30 people. Ulla de Stricker's PowerPoint went out through the MISC digest, and all of those can be found on the PD website through the MISC site.
 - ii. Upcoming: This month PD will be introducing the business card feature. Friday, Jan 13th, 12-3, will be the employer showcase. PD will not be

running the resume critique as in years past because Isidora Petrovic is running something similar.

- c. Academic Affairs (Melissa)
 - i. Melissa has gotten back 32/50 of the class rep forms and is still hoping for more. Melissa has sent out an e-mail to new class reps asking them to introduce themselves to their classmates.
 - d. Merchandise Committee (Coralee)
 - i. Merchandise is ready to be sold and pictures of merchandise are in the display case in the student lounge and on the MISC door. Merchandise is also listed on the website. Coralee will be selling in the lobby on Mondays from 12-1 and at every iTea. A poster advertising merchandise is running on the TV screens. MISC members can buy at cost T-shirts from Victoria.
6. Reports by Representatives
- a. Student Tech Fund Committee (Stephanie): Stephanie and Ivan want to replace workstations in the Inforum and room 417 because the current machines are slow and out of warranty. Replacements in 417 will be Dell computers, and Inforum computers will be a mixture of Mac and PC. The Inforum will have 4 general Mac stations and the rest general PCs. There will also be 2 Mac Digital editing suites to allow students who use video editing technology (ie. the reference classes) can use FinalCutPro and FinalDraft8 and possibly sound editing materials. They are also looking at replacing the furniture in the Inforum. The chairs and keyboard tables are broken. The furniture aspect of this proposal is not ready to be passed because they need to do more research on pricing and materials. [Full proposal available on the MISC website below the October 6th minutes.]

Val would like to know how long the warranty will last on the new machines.

Stephanie responds by saying that the new computers will be under warranty for three years, while the old computers were under warranty for five years. She will look into an extension of the warranty although she thinks it might be better to consider replacing machines after three years because technology goes out of date quickly.

Val would like to know what will happen to the older computers.

Stephanie says that the iSchool and Inforum donate old technological material to FreeGeek who refurbish the machines for resale or strip the computers to make sure they are recycled properly.

The new computers will hopefully be in the Inforum by November.

Jessica mentions that it would be great for FreeGeeks to give a presentation so people know about this service.

Stephanie mentions that we could possibly have a FreeGeeks iTea.

Sara suggests that we could have a party in the Inforum and invite FreeGeeks to simultaneously announce the new machines and advertise FreeGeeks' service.

Emily says IS&D stream could also use more business-related software like Visio or OmniGraffle.

Stephanie says that the Tech Fund has purchased 20 licenses for OmniGraffle.

Jessica has a class which has to use BPMN (modelling software) which is not on the professional suite (which iSchool has) but is on the Premium suite (which iSchool does not have).

Sarah-Anne would like to know if the computers in rooms 224/225 going to be replaced? Some of them do not work or are not convenient for in-class use.

Emily mentions that the computers in rooms 224/225 are on top on the tower and shorter people can't see over them. Also if the instructors speak quietly you can't hear them over loud keyboards.

Stephanie will look into this.

Jessica would like to know how the Faculty contributes to the technology purchases.

Victoria explains that when the university collects student fees there is an additional \$100 for the Tech Fund – the Faculty matches the student contribution at 50%, so therefore out of the total Tech Fund monies the Faculty has contributed about one third. She also notes that the workstations would not exist without the Tech Fund – the Faculty contribution to these purchases would not occur without the student's support for the Tech Fund.

- i. *Proposal for 417 and Inforum Workstations* (see PDF attachment/handout)
- ii. MOTION: To approve Portion A, Option 1, of the Tech Fund Committee's *Proposal for 417 & Inforum Workstations*:
Seconded: Heather
Discussion: Clarifications between Option 1 and 2: The processor is different (in Option 1), memory is the same, video card is the same.
For: Unanimous.
Against: None.
- iii. MOTION: To approve Portion B of the Tech Fund Committee's *Proposal for 417 & Inforum Workstations*.
Seconded: Val
Discussion: None
For: Unanimous
Against: None

- iv. MOTION: To approve Portion C of the Tech Fund Committee's *Proposal for 417 & Inforum Workstations*.
Seconded: Lindsay Gibb
Discussion: None
For: 28
Against: Martin.
 - v. MOTION: To approve Portion D, Option 1, of the Tech Fund Committee's *Proposal for 417 & Inforum Workstations*.
Seconded: Lindsay Timmins
Discussion: Option 1 is the faster processor again. Computers in 417 last time were paid for in part by Tech Fund, in part by Inforum, in part by Faculty at approximately 1/3 the total cost each.
For:
Against: None.
 - vi. MOTION: To approve Portion E of the Tech Fund Committee's *Proposal for 417 & Inforum Workstations*.
Seconded: Sara
Discussion: These licenses are for Inforum and not 417, but we could potentially also buy licenses for 417.
For: Unanimous
Against: None
 - vii. MOTION: To approve Portion F of the Tech Fund Committee's *Proposal for 417 & Inforum Workstations*.
Seconded: Pam.
Discussion: Jessica points out that the price of chairs is expensive. Stephanie would like us to review this portion of the Tech Fund and not pass it today because they do seem expensive. Stephanie thinks more research needs to be done, and Ivan was just providing approximate numbers, and so:
Victoria moves that we amend the motion to approve moving forward with Portion F and G to investigate the options for replacing some of the Inforum furniture with more modular and functional furniture – to be voted on again when the specific models have been chosen by the Tech Fund Committee and brought forward to both Councils for a finalized approval vote.
Seconded: Koren
Discussion: Emily wants to know if we could have chairs with arms, but Stephanie points out that this is part of the reason why the chairs on the list are expensive. Sanjin wants to know if we can extend option E to Lab 117 because it is the only lab students can access if students come late. Stephanie thinks in the future that they might get rid of that lab because it is underused, but Stephanie will look into options for that lab and bring it up at the next council meeting.
For the amended motion: Unanimous
Against: None
- b. MISC-MSGSA Liaison (Amy)

- i. Update: Amy is responsible for liaising with MMSt to bring both councils and student bodies together. She contacted Gillian Gallimore to explain that most of council positions have been filled, but Amy hasn't yet been updated on what MSGSA council is doing yet. Hopefully in the future Amy will be attending some of their meetings, and MSGSA is still very interested in participating in social events with MISC. Victoria mentions that Amy has also just been recommended to be part of the Bissell Buiding Space Working Group, a committee to determine what to do with the spaces that the Rotman students are vacating. Amy was suggested as the student representative as the working group chair, Susan Brown, requested that the MISC and MSGSA recommend one student only for both student bodies. As Amy is already the MISC-MSGSA Liaison, she seemed like an appropriate person for the position, and Gillian (MSGSA President) agreed.
- c. Alumni Association Committee (Valerie)

Update on Recent Meeting: The FIAA is alumni body for both MSGSA and MI. MSGSA say they will have a rep elected later this month. MSGSA will be having their meetings the week after we have our meetings. FIAA will be having social events and Val is submitting them to the MISC weekly digest. Val found out that there are four faculty searches going on this year: They are looking for professors for Archives, LIS, Digital Humanities, and one other TBD stream. FIAA is trying to work with Ivan to make their part of the iSchool website more prominent, like Ask an Alum. They are hopeful that job-shadowing sign-up will happen before February. October 26th is the welcome iTea for the FIAA with previous graduates, free beverages, and job advice from alumni. Victoria asked whether the Job Shadowing signup system would still be a wiki format like last year's signup, as there were some issues with students taking other students' signup spots. Valerie noted that they had hoped to change it for last year but it was delayed. They are aiming to change it in time for the next round in 2012.
- d. Admissions Committee (Lindsay) – No Report
- e. Graduate Student Union (Jen and Brooke) – Report by Victoria and Sara: At the first meeting they explained how everything ran; they have a lot of committees within the GSU and there may be emails or call-outs at the meeting for volunteer positions for these committees. We are Division Two in the GSU.
- f. Life & Times Committee (Laura)
 - i. Update on Recent Meeting: The last iTea meeting was Oct 4th. iTea meetings are all set up except for two – Social iTea in November, and Oct 19th (summer professional experience) in which 5 students speak for about 10 minutes each. Heather and Sara will speak for LIS and ARM students. There will possibly be a Museum Studies student at the iTea, but previous discussion indicated that they would not participate because of money constraints and time that could be devoted to Museum Studies-related discussion . At the meeting they indicated they had received criticism for not including Museum Studies students, and also there will be no financial

contribution from MISC for this iTea because it will include Faculty-provided tea and coffee and a dessert potluck. The council agrees this is a good idea. Other suggestions for iTeas include mixology iTea or a social iTea.

- g. Programs Committee (Sanjin) – No Report
 - h. Committee on Standing (Simren) – No Report
 - i. Information Services Committee (Ross) – No Report
 - j. Faculty Council (Victoria, Jessica, Katie, Adam, Jaclyn, Jessica, David, Sanjin, Emily, Fatima, Heather, Andrew) – The next Faculty Council meeting will be next Friday (Oct 14th) at 1 pm.
7. New Business – None.
8. MOTION to adjourn put forward by Victoria
Seconded: Jessica.
Vote: Unanimous. Passed at 6.33 pm.

PROPOSAL FOR 417 & INFORUM WORKSTATIONS

The workstations and furniture in the Inforum were originally purchased through a Tech Fund initiative. The workstations are now out of warranty and are near the end of their useful lives. We would like to replace all of those workstations as well as the 417 workstations with new higher end workstations, 2 high end digital media editing workstations and the latest software.

The proposed purchases are;

Portion A:

18 PC workstations for the Inforum area **(\$27,000)** – depends on model selected

(tech specs in Appendix)

Option 1: OptiPlex 990 DT (see appendix) - \$1519 each, at 18 stations = \$27,342

Option 2: OptiPlex 790 DT (see appendix) - \$1281 each, at 18 stations = \$23,058

Portion B:

2 Mac Pro Digital Editing Workstations **(\$8,786)**

(tech specs in Appendix)

Portion C:

4 iMac workstations for the Inforum area **(\$5,908)**

(tech Specs in Appendix)

\$41,694

Portion D:

21 PC workstations for 417 Instructional Lab **(\$31,500)** – depends on model selected

(tech specs in Appendix)

Option 1: OptiPlex 990 DT (see appendix) - \$1519 each, at 21 stations = \$31,899

Option 2: OptiPlex 790 DT (see appendix) - \$1281 each, at 21 stations = \$26,901

\$72,194

Portion E:

Software (iLife, Final Cut Pro, Adobe Suite) **(\$17,963.46)**

2 Adobe Master Collection - \$999.99 \$1,999.98

22 Adobe Web Collection - \$499.99 \$10,999.78

20 Adobe Acrobat Pro - \$159.99 \$3,199.80

2 Final Cut Pro - \$299.99 \$599.98

2 Final Draft 8 - \$299.99 \$599.98

6 iLife - \$14.99 \$ 89.94

6 iWork - \$79.00 \$474.00

\$ 81,157.46 Total HW&SW

Portion F:

We further propose to replace the 22 Inforum workstation chairs. Furniture is usually purchased through Patrick Cassidy (<http://www.patrickcassidy.ca/index.htm>) a Tier One vendor with the University of Toronto. New chairs for the Inforum Area will cost approximately \$399.00 each.

22 chairs x \$399.00 = **\$ 8,778**

Portion G:

We would also like to explore the possibility of replacing some of the Inforum furniture with more modular and functional furniture such as the Smart Desk furniture.

<http://www.smartdesks.com/collaboration-furniture-collaborative-conference-table.asp>

This is one of the examples, however before any purchase decision is made or proposed, we need to survey our students and get feedback on any proposed changes. Also, any other furniture solutions and/or suggestions are welcome.

SUMMARY OF HW & SOFTWARE

Dell Optiplex 790 or 990 4GB RAM, 250GB HD, DVD-ROM, 22-inch Monitor (PDF Attached)

Two 2.4GHz Quad-Core Intel Xeon "Westmere" (8 cores), 8GB (4X2GB), 1TB 7200-rpm Serial ATA 3Gb/s hard drive, ATI Radeon HD 5770 1GB, One 18x SuperDrive, Apple LED Cinema Display (27" flat panel), Magic Mouse, Apple Keyboard with Numeric Keypad (PDF Attached)

2.5GHz Quad-Core Intel Core i5, 8GB 1333MHz DDR3 SDRAM - 2x4GB, 500GB Serial ATA Drive, AMD Radeon HD 6750M 512MB GDDR5, Apple Magic Mouse, Apple Keyboard with Numeric Keypad, AppleCare Protection Plan (PDF Attached)

Adobe Collection Comparison <http://www.adobe.com/ca/products/creativesuite/buying-guide.html>

Final Draft 8 http://store.apple.com/ca_edu_108335/product/TV553LL/A?mco=MTY3ODQ5OTY

Final Cut X <http://itunes.apple.com/ca/app/final-cut-pro/id424389933?mt=12>

iLife 11 <http://www.apple.com/ca/ilife/>

iWork <http://www.apple.com/ca/iwork/>

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Overview Adobe CS Live Adobe Creative Suite 5.5 Design Premium Adobe Creative Suite 5.5 Master Collection
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Web Premium



Production Premium



Master Collection

Products	Design Premium	Design Standard	Web Premium	Production Premium	Master Collection
Photoshop Extended	•		•	•	•
Photoshop		•			
Illustrator	•	•	•	•	•
InDesign	•	•			•
Acrobat X Pro	•	•	•		•
Flash Catalyst CS5	•		•	•	•
Flash Professional	•		•	•	•
Flash Builder			•		•
Dreamweaver	•		•		•
Fireworks	•		•		•
Contribute CS5			•		•
Adobe Premiere Pro (with Adobe OnLocation and Encore) ¹				•	•
After Effects				•	•
Audition CS5.5				•	•
Additional components					
Bridge ²	•	•	•	•	•
Device Central ²	•	•	•	•	•
Media Encoder ²	•	•	•	•	•
Integrates with:					
CS Live online services ^{3,4}	•	•	•	•	•

1 Adobe OnLocation CS5 and Encore CS5 are included with Creative Suite 5.5 Production Premium and Master Collection software or with the individual purchase of Adobe Premiere Pro CS5.5.

2 Adobe Bridge, Device Central, and Media Encoder are included with certain Creative Suite 5.5 software editions and creative professional products.

3 CS Live online services are complimentary until April 12, 2012. Learn more >

4 Adobe online services, including Adobe CS Live Services, are available only to users 13 and older and require agreement to additional terms and Adobe's online privacy policy. Online services are not available in all countries or languages, may require user registration and may be subject to change or discontinuation without notice. Additional fees or subscription charges may apply.

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CS5.5 Production Premium

CS5.5 Master Collection

Dell recommends Windows® 7.

Print Summary

Option 1



Popular Configuration
OptiPlex 990 DT, Core i5,
4GB, 250GB, DVD+/-RW,
Intel vPro

From **\$1,519.00¹**

My Selections **All Options**

• Popular Configuration OptiPlex 990 DT, Core i5, 4GB, 250GB, DVD+/-RW, Intel vPro

Date	03/10/2011 8:38:19 AM Central Standard Time			
Catalog Number	70713 Retail cahied1			
Catalog Number / Description	Product Code	Qty	SKU	Id
OptiPlex 990 DT: OptiPlex 990 Desktop for Standard Power Supply, BRC1	990DTC1	1	[225-0936]	1
Operating System(s): Genuine Windows® 7 Ultimate, No Media, 32-bit, English	W7UN31E	1	[330-6228] [421-5334] [421-5635]	11
Processors: Intel® Core™ i5 2400 Processor (3.1GHz, 6M)	VI52400	1	[317-6592]	2
Setup and Features Information Tech Sheet: Tech Sheet, English	TSHENG	1	[331-1933]	40
Video Cards: Integrated Video, Intel® HD Graphics 2000 (1DP & 1 VGA)	INTVID2	1	[320-2260]	6
Memory: 4GB DDR3, Non-ECC, 1333MHz Dual Channel SDRAM, 2x2GB	4G3N332	1	[317-6987]	3
Keyboard: Dell Multimedia Pro Keyboard, English	USBMPRO	1	[330-1990]	4
Thermals: Heat Sink, Performance, Desktop	PERFORM	1	[331-1151]	17
Energy Efficiency Options: Dell Energy Smart Power Management Settings Enabled	ESMART	1	[330-4817]	25
Documentation: Documentation English and French	DOCEF	1	[330-1711] [331-2030]	21
Boot Hard Drives: 250GB 3.5 6.0Gb/s SATA with 8MB DataBurst Cache™	250GS3	1	[342-2453]	8
Removable Media Storage Device: 16X DVD+/-RW, Roxio Creator, CyberlinkPowerDVD, No Media	DRM16N	1	[318-0546] [421-4370] [421-4539]	16

(Option 1 cont.)

Systems Management Mode: Intel® vPro Technology Enabled	VPRO	1	[331-1134]	15
Resource DVD: No Resource DVD	NORDVD	1	[313-3673]	27
Productivity Software: Microsoft® Office Starter: reduced-functionality Word and Excel with ads. No PowerPoint or Outlook	START10	1	[410-0348]	22
Security Hardware: Chassis Intrusion Switch Option	SWITCH	1	[317-2828]	38
Power Supplies: OptiPlex 990 Desktop Standard Power Supply	DTSPS	1	[330-7422] [331-2482] [342-2463] [421-5078]	20
Mouse: Dell MS111 USB Optical Mouse	USBOP	1	[330-9458]	12
Monitors: Dell E Series E2211H 21.5 inch Wide Monitor, VGA/ DVI	E2211H	1	[320-1744]	5
Hard Drive Mode: No RAID	NORAIID	1	[341-8036]	24
Speakers: Internal Dell Business Audio Speaker	INTSPK	1	[318-0319]	18
Ship Packaging Options: Shipping Material for System, Desktop	DTSHIP	1	[331-1269]	41
Hardware Support Services: 3 Year Basic Hardware Service with 3 Year NBD Limited Onsite Service After Remote Diagnosis	U3OS	1	[929-6267] [935-2098] [938-5152] [951-4670]	29



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snFG01

Dell recommends Windows® 7.

Print Summary

Option 2



Popular Configuration
OptiPlex 790 DT, Core
i3, 4GB, 250GB,
DVD-ROM, ISM

From **\$1,281.00¹**

My Selections **All Options**

* **Popular Configuration OptiPlex 790 DT, Core i3, 4GB, 250GB, DVD-ROM, ISM**

Date	03/10/2011 8:41:05 AM Central Standard Time			
Catalog Number	70713 Retail cahied1			
Catalog Number / Description	Product Code	Qty	SKU	Id
Processors: Intel® Core™ i3 2100 Processor (3.1GHz, 3M)	I32100	1	[317-6647]	2
Operating System: Genuine Windows® 7 Ultimate, No Media, 64-bit, English	W7UN61E	1	[330-6228] [421-5334] [421-5651]	11
OptiPlex 790 DT: OptiPlex 790 Desktop for Standard Power Supply, BRC1	790DT1C	1	[225-1358]	1
Power Supply: Standard Power Supply	DTSPS	1	[318-0872] [330-7422] [331-2678] [421-5078]	20
Memory: 4GB DDR3, Non-ECC, 1333MHz Dual Channel SDRAM, 2x2GB	4G3N332	1	[317-6987]	3
Boot Hard Drives: 250GB 7,200 RPM 3.5" SATA, 6.0Gb/s Hard Drive with 8MB Cache	250S3	1	[342-2453]	8
Energy Efficiency Options: Dell Energy Smart Power Management Settings Enabled	ESMART	1	[330-4817]	25
Video Cards: Integrated Video, Intel® HD Graphics 2000 (1DP & 1 VGA)	INTVID2	1	[320-2520]	6
Removable Media Storage Device: 16X DVD-ROM, Cyberlink Power DVD™	DVD16	1	[318-0622] [421-5095]	16
Monitors: Dell E Series E2210 22in Wide Monitor, VGA/ DVI	E2210	1	[320-0941]	5
Shipping Packaging Options: Shipping Material for System, Desktop	DTSHIP	1	[331-1269]	41
Systems Management Mode: Intel® Standard Manageability	STANDRD	1	[331-2680]	13

(Option
2
cont.)

Setup and Features Information Tech Sheet: Tech Sheet, English	TSHENG	1	[331-2686]	40
Keyboard: Dell KB212-B USB 104 Quiet Key Keyboard,English	EUSBE	1	[331-2024]	4
Mouse: Dell MS111 USB Optical Mouse	USBOP	1	[330-9458]	12
Speakers: Internal Dell Business Audio Speaker	INTSPK	1	[318-0319]	18
Documentation: Documentation English and French	DOCEF	1	[330-1711] [331-2030]	21
Thermal: Heat Sink, Mainstream, Desktop	HSMDT	1	[317-6620]	17
Resource DVD: No Resource DVD	NORCD	1	[313-3673]	27
Hardware Support Services: 3 Year Basic Hardware Service with 3 Year NBD Limited Onsite Service After Remote Diagnosis	U3OS	1	[929-6637] [935-2478] [938-7662] [951-7510]	29
Installation: No Onsite System Setup	NOINSTL	1	[900-9987]	32



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snFG01

Summary

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MacBook Pro From \$1149



Mac mini From \$579



Mac From \$1149



Configure your Mac Pro

Hardware | Service and Support | Accessories | Special Offers

MAC PRO

Hardware



Processor

Two Intel Xeon "Westmere" processors give you up to 12 processor cores for the ultimate in power and performance.

Learn more

- Two 2.4GHz Quad-Core Intel Xeon "Westmere" (8 cores)
- Two 2.66GHz 6-Core Intel Xeon "Westmere" (12 cores) [Add \$1,450.00]
- Two 2.93GHz 6-Core Intel Xeon "Westmere" (12 cores) [Add \$2,610.00]



Memory

The dual-processor Mac Pro supports up to 64GB of DDR3 ECC SDRAM memory in eight slots. Choose more memory to improve overall system performance.

Learn more

- 6GB (6x1GB) [Subtract \$145.00]
- 8GB (4x2GB)
- 12GB (6x2GB) [Add \$287.00]
- 16GB (8x2GB) [Add \$575.00]
- 24GB (6x4GB) [Add \$828.00]
- 32GB (8x4GB) [Add \$1,296.00]
- 48 GB (6 x 8 GB) [Add \$2,232.00]
- 64 GB (8 x 8 GB) [Add \$3,168.00]



RAID Card

Enhance data protection and storage performance by configuring your system with the Mac Pro RAID Card and multiple SATA hard drives.

Note: Solid-state drives are not compatible with the Mac Pro RAID Card in either RAID or Enhanced JBOD mode. To add a solid-state drive to your Mac Pro in any drive bay, you must deselect the Mac Pro RAID Card.

Learn more

- None
- Mac Pro RAID Card [Add \$756.00]



Hard Drive - Bay 1

Your Mac Pro includes four drive bays, allowing you to configure it with up to 8 terabytes of storage using 7200-rpm Serial ATA 3Gb/s drives, up to 2 terabytes of storage using high-performance solid-state drives, or any combination of each type of drive. Configure each drive bay separately.

Learn more

- 1TB 7200-rpm Serial ATA 3Gb/s hard drive
- 2TB 7200-rpm Serial ATA 3Gb/s hard drive [Add \$145.00]
- 512GB solid-state drive [Add \$1,205.00]



Hard Drive - Bay 2

(MAC PRO CONT.)

Summary

\$4,393.00

3 months special financing option

3-5 business days

Free Shipping

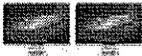
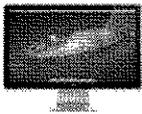
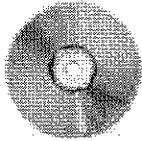
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Apple Keyboard with Numeric Keypad (English) & User's Guide

Close



Configure the second drive bay with an additional hard drive or solid-state drive.

- None
- 1TB 7200-rpm Serial ATA 3Gb/s hard drive [Add \$145.00]
- 2TB 7200-rpm Serial ATA 3Gb/s hard drive [Add \$290.00]
- 512GB solid-state drive [Add \$1,350.00]

Hard Drive - Bay 3

Configure the third drive bay with an additional hard drive or solid-state drive.

- None
- 1TB 7200-rpm Serial ATA 3Gb/s hard drive [Add \$145.00]
- 2TB 7200-rpm Serial ATA 3Gb/s hard drive [Add \$290.00]
- 512GB solid-state drive [Add \$1,350.00]

Hard Drive - Bay 4

Configure the fourth drive bay with an additional hard drive or solid-state drive.

- None
- 1TB 7200-rpm Serial ATA 3Gb/s hard drive [Add \$145.00]
- 2TB 7200-rpm Serial ATA 3Gb/s hard drive [Add \$290.00]
- 512GB solid-state drive [Add \$1,350.00]

Graphics

Configure your Mac Pro with high-performance PCI Express graphics cards from AMD. The ATI Radeon HD 5770 is up to 5x faster than the previous-generation standard graphics card. Or select the ATI Radeon HD 5870 for even more advanced graphics work. Configure your Mac Pro with two cards to power up to six displays simultaneously for visualization projects and large display walls.

Note: If both the Mac Pro RAID Card and Fibre Channel card options are selected, only a single graphics card can be installed.

Learn more

- ATI Radeon HD 5770 1GB
- Two ATI Radeon HD 5770 1GB [Add \$240.00]
- ATI Radeon HD 5870 1GB [Add \$190.00]

Optical Drive

Your Mac Pro comes standard with one 18x double-layer SuperDrive that burns and plays both CDs and DVDs. Add a second SuperDrive to streamline disc burning.

Learn more

- One 18x SuperDrive
- Two 18x SuperDrives [Add \$99.00]

Apple Display

Connect your Mac desktop to the 27-inch Apple LED Cinema Display, which features a built-in iSight camera, microphone and speakers.

Learn more

- None [Subtract \$949.00]
- Apple LED Cinema Display (27" flat panel)

Second Display

All Mac Pro graphics cards support up to three displays: two using Mini DisplayPort and one using DVI. Add a second Apple LED Cinema Display for a wide canvas.

- None
- Apple LED Cinema Display (27" flat panel) [Add \$949.00]

Mouse and Magic Trackpad

The Mac Pro comes standard with the wireless Magic Mouse — the world's first Multi-Touch mouse. You can also add a Magic Trackpad to your order. Or you can choose the wired Apple Mouse.

Learn more

(MAC PRO CONT.)

Summary

\$4,393.00

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Add to Cart

Just Ask

1-800-MY-APPLE

Apple Keyboard with Numeric Keypad (English) & User's Guide



one to one

- Magic Mouse
- Magic Mouse + Magic Trackpad [Add \$69.00]
- Apple Mouse

Apple Keyboard and Documentation

The ultrathin wired Apple Keyboard comes standard with your Mac Pro, or you can choose the ultracompact Apple Wireless Keyboard. You can also choose the language of the keyboard and documentation. Learn more

- Apple Keyboard with Numeric Keypad (English) & User's Guide
- Apple Keyboard with Numeric Keypad (French Canadian) & User's Guide
- Apple Wireless Keyboard (English) & User's Guide [Add \$20.00]
- Apple Wireless Keyboard (French Canadian) & User's Guide [Add \$20.00]

Fibre Channel Card

Add a Fibre Channel PCI Express card to connect your Mac Pro to Fibre Channel-based storage or an Xsan storage network. Learn more

- None
- Dual-channel 4Gb Fibre Channel PCI Express card [Add \$648.00]
- Quad-channel 4Gb Fibre Channel PCI Express card [Add \$1,080.00]

AppleCare Protection Plan

For up to three years from your computer's original purchase date, the AppleCare Protection Plan gives you direct, one-stop access to Apple's award-winning telephone technical support for questions about Apple hardware, Mac OS X, iLife, and iWork. And you get global repair coverage for your Mac — both parts and labor — through convenient service options.

When you purchase the AppleCare Protection Plan and your computer at the same time, you'll be automatically registered in the plan. Learn more

- None
- AppleCare Protection Plan for Mac Pro- Auto-enroll [Add \$219.00]

One to One

Get the most out of your new Mac with a One to One membership at an Apple Retail Store. We'll get you set up, teach you all the basics, and help you with personal projects. One to One is available only at the time of purchase when you buy a new Mac from the Apple Online Store or an Apple Retail Store.

Important: You will attend all your sessions at an Apple Retail Store, so make sure there's a store near you. Search for Apple Retail Stores in your area. Learn more

- None
- 1-year One to One membership [Add \$99.00]

Accessories



Mini DisplayPort to DVI Adapter

The Mini DisplayPort allows you to connect a DVI-based external display using an adapter. The Mini DisplayPort to DVI Adapter lets you connect an advanced digital monitor that uses DVI video. Review the documentation or check with the manufacturer of your monitor to make sure you're choosing the right adapter. Learn more

- None
- Apple Mini DisplayPort to DVI Adapter [Add \$34.00]



Mini DisplayPort to Dual-Link DVI Adapter

Use the Mini DisplayPort to Dual-Link DVI Adapter to connect to a 30-inch display, such as a 30-inch Apple Cinema HD Display, and enjoy the ultimate widescreen canvas with a resolution of 2560 by 1600 pixels. Learn more

(MAC PRO cont.)

Summary

\$4,393.00

3 months special financing option

3-5 business days

Free Shipping

Add to Cart

Just Ask

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Apple Keyboard with Numeric Keypad (English) & User's Guide

Close

- None
- Mini DisplayPort to Dual-Link DVI Adapter [Add \$109.00]

Mini DisplayPort to VGA Adapter

Use the Mini DisplayPort to VGA to connect to a standard analog monitor, projector, or LCD that uses a VGA connector or cable. Review the documentation or check with the manufacturer of your monitor to make sure you're choosing the right adapter.

- None
- Apple Mini DisplayPort to VGA Adapter [Add \$34.00]

Apple Battery Charger

Order the Apple Battery Charger with your new Mac and get an advanced charger along with six AA NiMH rechargeable batteries.

Learn more

- None
- Apple Battery Charger [Add \$29.00]

Buy a printer with your Mac. Save up to \$100.

Complement your new Mac with a high-performance printer. You can save up to \$100 via rebate, which means your printer could even be free after the rebate. To qualify, just purchase both the Mac and printer on the same invoice, then submit your rebate with our online form.

See all Printers

Learn more

- None
- HP Deskjet 3054 All-in-One Printer (J610a) [Add \$99.95]
- HP Photosmart Plus e-All-in-One (B210a) [Add \$149.95]
- HP ENVY 100 e-All-in-One [Add \$299.95]

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You can also order from The Apple Store by calling 1-800-MY-APPLE.

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Summary

\$1,477.00

3 months special financing option

Available: 2-4 business days

Free Shipping

Add to Cart

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iMac.

Show more

Hardware



Memory

More memory (RAM) increases performance and enables your computer to perform faster and better. Choose additional 1333MHz DDR3 memory for your iMac.

Learn more

- 4GB 1333MHz DDR3 SDRAM - 2x2GB [Subtract \$189.00]
- 8GB 1333MHz DDR3 SDRAM - 2x4GB



Mouse and Magic Trackpad

The wireless Magic Mouse — the world's first Multi-Touch mouse — comes as standard with your iMac. But if the look and feel of a Multi-Touch trackpad is more your thing, then choose to have Magic Trackpad shipped with your iMac instead, at no extra cost.

Learn more

- Apple Magic Mouse
- Magic Trackpad
- Apple Magic Mouse + Magic Trackpad [Add \$69.00]
- Apple Mouse



Apple Keyboard and Documentation

The Apple Wireless Keyboard comes as standard with your iMac. Its ultra-compact design saves space and lets you place your mouse comfortably next to your keyboard. Or you can choose the wired Apple Keyboard with Numeric Keypad. In addition, you can select the language of the keyboard and documentation.

Learn more

- Apple Wireless Keyboard (English) & User's Guide
- Apple Wireless Keyboard (French Canadian) & User's Guide
- Apple Keyboard with Numeric Keypad (English) & User's Guide
- Apple Keyboard with Numeric Keypad (French Canadian) & User's Guide

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When you purchase the AppleCare Protection Plan and your computer at the same time, you'll be automatically registered in the plan.

Learn more

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Important: You will attend all your sessions at an Apple Retail Store, so make sure there's a store near you. Search for Apple Retail Stores in your area.

Learn more

- None
- 1-year One to One membership [Add \$99.00]

Accessories



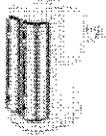
Apple Remote

Control your Mac from afar with the sleek, aluminium Apple Remote. Play, pause, adjust volume, move forward and back, and access menus while playing music and videos.

Learn more

- None
- Apple Remote [Add \$19.00]

(iMAC cont.)



Apple Battery Charger

Order the Apple Battery Charger with your new Mac and get an advanced charger along with six AA NIMH rechargeable batteries.

Learn more

- None
- Apple Battery Charger [Add \$29.00]



Apple Thunderbolt Cable

Thunderbolt technology supports blazing-fast data transfer with two independent channels of 10 Gbps each. Use this cable to connect Thunderbolt-enabled devices to the Thunderbolt port on your Mac.

Learn more

- None
- Apple Thunderbolt cable (2.0 m) [Add \$49.00]



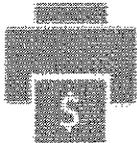
External Thunderbolt Storage

For additional storage, connect a Promise Pegasus RAID system to your Mac over Thunderbolt for lightning fast performance. Featuring four or six drives in a compact hardware RAID enclosure with Thunderbolt connectivity, Pegasus is ideal for users looking for additional storage, high-performance and robust data protection. Pegasus requires a Thunderbolt cable (sold separately) for connectivity to a Thunderbolt-enabled Mac.

Learn more

- None
- Promise Pegasus R4 4TB (4x1TB) RAID System [Add \$1,059.00]
- Promise Pegasus 8TB (4x2TB) R4 RAID System [Add \$1,599.00]
- Promise Pegasus R6 6TB (6x1TB) RAID System [Add \$1,599.00]
- Promise Pegasus 12TB (6x2TB) R6 RAID System [Add \$2,099.00]

Special Offers



Buy a printer with your Mac. Save up to \$100.

Complement your new Mac with a high-performance printer. You can save up to \$100 via rebate, which means your printer could even be free after the rebate. To qualify, just purchase both the Mac and printer on the same invoice, then submit your rebate with our online form.

See all Printers

Learn more

- None
- HP Deskjet 3054 All-in-One Printer (J610a) [Add \$99.95]
- HP Photosmart Plus e-All-in-One (B210a) [Add \$149.95]
- HP ENVY 100 e-All-in-One [Add \$299.95]