



Analysis Computer INSTRUMENT SPECIFICATION SHEET

1. Computer Specification

Name	Diamond	Green	Gold	Cherry	Cyan
Location	C808, Medical building, University of Melbourne			Room 119, Bio21 Institute	
Base	HP Z8 G4	Dell Precision T7820	Dell Precision T5810	Dell Precision T5810	Dell Precision T5810
Operating System	Windows 10 Edu (64 bit)	Windows 10 Edu (64 bit)	Windows 10 Edu (64 bit)	Windows 10 Pro (64 bit)	Windows 11 Pro (64 bit)
Processor	Intel Xeon Gold 6244 16 Core (2 x 8) 3.6 GHz 24.75 MB Cache Q2'19	Intel Xeon Gold 5222 16 Core (4 x 4) 3.8GHz 16.5 MB Cache Q2'19	Intel Xeon E5-1650 v3 12 Core (2 x 6) 3.5GHz 15 MB Cache Q3'14	Intel Xeon E5-2650 v4 12 Core 2.2 GHz 30MB Cache Q1'16	1 x Intel Xeon E5-2650 v4 12 Core 2.2 GHz 30MB Cache Q1'16
Memory	256GB (4 x 64GB) 2933 MHz	256GB (8 x 32GB) 2933MHz DDR4	64GB (4 x 16GB) 2133MHz DDR4	64GB (4 x 16GB) 2400MHz DDR4	64GB (4 x 16GB) 2400MHz DDR4
Monitor	Dell U2718Q	HP E27 G4	HP E27 G4	Dell 24	Dell 24
Video Card	NVIDIA RTX A6000, 48 GB	NVIDIA RTX A5000, 24 GB	AMD FirePro W7100, 16 GB (2 x 8 GB)	NVIDIA Quadro P4000, 8GB	NVIDIA Quadro P4000, 8GB
Hard Drive	512 GB SSD 4 TB SSD	512 GB SSD 3 TB SSD	512GB SSD 2 TB HDD	512 GB SSD 2 TB HDD	512 GB SSD 2 TB HDD

2. Software Specifications

Name	Diamond	Green	Gold	Cherry	Cyan
Amira	N	2019.2	N	N	N
Anaconda	Navigator 2.5.1	2023.03	Navigator 1.5	Miniconda 4.10.3	2020.02
CellProfiler	4.2.6	4.2.6	4.2.6	4.2.6	4.2.6
FIJI	2.14.0/1.54f	2.14.0/1.54f	2.14.0/1.54h	Y	Y
Huygens	23.1	N	N	22.1	N
Ilastik	1.4.0	1.4.0	1.4.0	N	N
Imaris	9.6.1, 10.1.1	9.6.1, 10.1.1	9.6.1, 10.1.1	9.6.1, 10.1.1	9.6.1, 10.1.1
Imaris File Converter	9.6.1, 10.1.1	9.6.1, 10.1.1	9.6.1, 10.1.1	9.6.1, 10.1.1	9.6.1, 10.1.1
Imaris Stitcher	10.1.1	10.1.1	10.1.1	10.1.1	N
Imaris Viewer	10.1.1	10.1.1	10.1.1	10.1.1	10.1.1
Las X	1.4.5	3.7.25997.6	1.9	3.4.2	3.4.2
MATLAB	R2023b	R2023b	R2023b	R2023b	R2023b
MATLAB Compiler Runtime	R2020b(v9.9) R2023a	8.4 R2020b(v9.9) R2023a	R2020b(v9.9) R2023a	R2020b(v9.9) R2023a	R2020b(v9.9) R2023a
MediaFlux Data Mover	1.2.4	1.2.9	1.2.4	1.2.4	1.2.4
MediaFlux Explorer	1.6.1	1.5.2	1.5.1	1.6.1	
MetaMorph	N	N	7.8.11	N	N
NIS-Elements	Viewer 4.50	Viewer 4.50	N	N	4.51
QuPath	0.5.0	0.5.0	0.4.3	0.5.0	N
R Studio	N	N	N	3.5.1	N
SimFCS	N	N	N	4.0.0	4.0.0
VistaVision	N	N	N	4.2.101.0	4.2
Volocity	6.3	6.3	6.3	6.3	6.3
Zen Black	N	2.3 Desk	2.3 Desk	2.3 Desk	2.3 lite
Zen Blue	3.5	2.3 Desk	2.3 Desk	2.3 Desk	2.6 lite