

Fee Chart (2019 SHIROKANE) for Academic use of the Supercomputer System of Human Genome Center, the Institute of Medical Science, the University of Tokyo

Target	Usage course	Fee		TiB Rate of Home Disk (Yearly)	TiB Rate of Archive Disk (Yearly)	Disk			Available resources											Access method							
		Yearly amount (twelve months)	Monthly amount ※1 ※2			Space - Home Disk	Number of files - Home Disk	Space - Archive Disk	Number of slots and memories of available Univa Grid Engine queues					Total memory quota (GB)	Issue Web service	Windows service	SSH login	Remote desktop	Aspera transfer	Intel Compiler (C, C++, F90, F77)	Mathematica (The U. of Tokyo only)						
									※5 ※6	※7	Accelerators											mjobs.q Max:11376	Xeon Phi	K80	V100 gpuv.q Max:80	ljobs.q Max:1836	lmem.q Max:144
SHIROKANE Academic	Free course	¥0	¥0	-	-	100GiB	1k	-	0	40	20	o	o	0	0	0	20	0	200	no	no						
	D1	¥54,000	¥4,500	¥5,945	¥991	2TiB	2M	4TiB	0	354	256	o	o	0	48	8	6	36	2,050	o	o	o	o	o	o	o	o
	D2	¥108,000	¥9,000	¥7,005	¥1,168	2TiB	2M	8TiB	0	664	512	o	o	0	96	8	12	36	3,600	o	o	o	o	o	o	o	o
	D3	¥180,000	¥15,000	¥7,798	¥1,300	3TiB	3M	16TiB	0	974	768	o	o	0	144	8	18	36	5,150	o	o	o	o	o	o	o	o
	D4	¥360,000	¥30,000	¥10,773	¥1,796	6TiB	6M	32TiB	0	1,284	1,024	o	o	0	192	8	24	36	6,700	o	o	o	o	o	o	o	o
	D5	¥684,000	¥57,000	¥12,885	¥2,148	12TiB	12M	64TiB	24	1,594	1,280	o	o	0	240	8	30	36	8,370	o	o	o	o	o	o	o	o
	D6	¥1,380,000	¥115,000	¥13,185	¥2,197	24TiB	24M	128TiB	48	2,581	2,048	o	o	1	384	64	48	36	15,409	o	o	o	o	o	o	o	o
	D7	¥2,340,000	¥195,000	¥13,984	¥2,331	48TiB	48M	256TiB	96	3,202	2,560	o	o	2	480	64	60	36	18,778	o	o	o	o	o	o	o	o
	D8	¥4,680,000	¥390,000	¥15,064	¥2,511	96TiB	96M	512TiB	192	5,128	4,096	o	o	4	768	128	96	36	31,176	o	o	o	o	o	o	o	o
	D9	¥9,240,000	¥770,000	¥15,949	¥2,658	192TiB	192M	1,024TiB	240	9,996	8,192	o	o	8	1,536	128	96	36	55,852	o	o	o	o	o	o	o	o
	Additional exclusive (per 24 slots)	¥90,000	¥7,500	-	-	-	-	-	-	+12	-	-	-	-	-	-	-	-	+60	-	-	-	-	-	-	-	-
	Additional shared (per 307 slots totally)	¥216,000	¥18,000	-	-	-	-	-	-	+310	+256	-	-	-	+48	-	+6	-	+1,550	-	-	-	-	-	-	-	-
	Additional Fat nodes (per 64 CPU core)	¥27,000	¥2,250	-	-	-	-	-	-	+8	-	-	-	-	-	-	-	-	+320	-	-	-	-	-	-	-	-
	Additional Accelerator V100 (per 1 slot)	¥216,000	¥18,000	-	-	-	-	-	-	-	-	-	-	+1	-	-	-	-	+24	-	-	-	-	-	-	-	-
Additional Home Disk ※3 ※4 per 1TiB	¥36,000	¥3,000	¥36,000	-	+1TiB	+1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Additional Archive Disk per 1TiB	¥3,000	¥250	-	¥3,000	-	-	+1TiB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tech. support	1 SP =	¥2,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

- ※1 Monthly payment usage plans are until the end of the fiscal year, at longest. Users may cancel the contract during the fiscal year.
- ※2 For monthly payment, even if the application is at the end of the month, payment will be calculated beginning with the month of the application.
- ※3 We will save data for one month after use is terminated. If you wish to have access to the data for longer, you must pay for an additional disk.
- ※4 Users of any course may apply for an additional home disk and an additional home disk.
- ※5 An exclusive queue will be created and the shared queue deleted when users apply for a course. The number of slots in the shared queue is the same as the maximum number in the case of no exclusive use.
- ※6 An exclusive queue is a queue that can be used exclusively by the applicant. If no jobs are entered by the applicant, other users' jobs are entered, and the queue is treated as a shared queue. When it is being used as a shared queue and the applicant enters a job, other users' jobs are rescheduled to another shared queue.
- ※7 A shared queue is a queue which sorts job execution sequence by order of lowest CPU usage over the past week. When many users are using the system at the same time, we cannot guarantee job execution start time.
- ※8 One group can only contract one course.
- ※9 "Number of slots and memories of available Univa Grid Engine queues" are shared with all Free course users.