

Supercomputer System of Human Genome Center, the Institute of Medical Science, the University of Tokyo
Application for SHIROKANE Academic Use

Japanese English

Year Month Day

Attn: Director of Human Genome Center, the Institute of Medical Science, the University of Tokyo FV 3 3.00 5

I apply to use the Supercomputer System of the Center. I have read and agree to the terms of use.
 (https://supcom.hgc.jp/english/utuli_info/procedure/kitei.pdf) (For this application, you must check the box to signify your agreement.)

Type		<input type="radio"/> Use <small>For the first time of use, Continuous use, Change of application</small>		<input type="radio"/> Suspend account	
Section		<input checked="" type="radio"/> Academic		<input type="radio"/> Private	
System		<input checked="" type="radio"/> SHIROKANE			
Fill out the box on the right if you are Change application/Suspend account.		Representative user username		<input type="text"/>	
		Reason for change/suspension	In case of "suspending" please send "the list of published papers and the published web sites" to support@hgc.jp.		
Representative user	Nationality	<input type="text"/>		Name	<input type="text"/> seal
	Title	<input type="text"/>		E-mail address	<input type="text"/> @
	Affiliation	<input type="text"/>		Cellphone	<input type="text"/>
	Address	Postal Code	Phone ()	-	Ext.
Person responsible for the research	Title	<input type="text"/>		Name	<input type="text"/> seal
	Affiliation	<input type="text"/>		E-mail address	<input type="text"/> @
	Address	Postal Code	Phone ()	-	Ext.
	Research topic		<input type="text"/>		
Application information	Details of research	<input type="text"/>			
		Requested username <small>or the existing username which belongs to this group as the secondary group</small>		Existing group name / Requested new group name (optional)	
	First choice	<input type="text"/>	First choice	<input type="text"/>	
	Second choice	<input type="text"/>	Second choice	<input type="text"/>	
Third choice	<input type="text"/>	Third choice	<input type="text"/>		
If you use the Free course, don't need to fill out Person in charge of finance/Billing information.					
Person in charge of finance	Title	<input type="text"/>		Name	<input type="text"/> seal
	Affiliation	<input type="text"/>			
	Address	Postal Code	Phone ()	-	Ext.
Billing information	Billed to (name):	<input type="text"/>			
	Sent to:	<input type="radio"/> User <input type="radio"/> Person responsible for the research <input type="radio"/> Person in charge of finance <input type="radio"/> Other (write below)			
Notes	Please fill it in here If you wish to request a Billing process.				

Continued on next page.

Use this page to specify the course and options you would like to use.

* By filling out this form in Excel, you can calculate your usage fees. However, the usage fees displayed here may not be precise. Consider them approximations.

* Only edit the area within the bold lines.

* Here is an example of how to fill out the form.

1. Select 'form of payment.'

2. Select a usage course and period. If you wish to use the D1 course for three months from January to March, select D1 for January, February, and March columns.

Concerning yearly use: Users cannot apply for yearly use in the middle of the fiscal year. If you currently use a yearly course and wish to change to a different course, you can only change to a higher course. We will take monthly payments for the difference in prices.

3. For "additional exclusive," "additional account," and "additional home disc space," enter the period which you will use each as an integer of the relevant unit.

4. To ensure you selected the correct period of use, choose the 'starting month' and 'ending month.'

The amount of resources you can use per month and the fee will be displayed in the 'application subtotal' box.

Billing process of "Single payment" case starts about one month earlier than the final use month. If you have the request of billing period, please fill in the remarks. Billing process of "Monthly payment" case starts at following month of the use month.

Form of payment		Please note that yearly contract applications will also be calculated by monthly payment if you choose to pay by the month.															
		<input checked="" type="radio"/> Single payment								<input type="radio"/> Monthly payment							
Course	Fee (Yen)		Period Years Months	Usage fee (subtotal)	Yearly	Monthly											
	Yearly	Monthly				Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
E I D L H				D		0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00
Will not use		-	-	-	-												
Free course		-	-	-	-												
D1		54,000	4,500	0	¥0												
D2		108,000	9,000	0	¥0												
D3		180,000	15,000	0	¥0												
D4		360,000	30,000	0	¥0												
D5		684,000	57,000	0	¥0												
D6		1,380,000	115,000	0	¥0												
D7		2,340,000	195,000	0	¥0												
D8		4,680,000	390,000	0	¥0												
D9		9,240,000	770,000	0	¥0												
Starting month (1-)					-	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ending month (-12)					-	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Common options	Service name	Yearly cost	Monthly	Number	Usage fee	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
	Additional exclusive (per 24 CPU cores)	180,000	15,000	0	¥0	0	0	0	0	0	0	0	0	0	0	0	0
	Additional shared (per 307 CPU cores)	216,000	18,000	0	¥0	0	0	0	0	0	0	0	0	0	0	0	0
	Additional Fat nodes	216,000	18,000	0	¥0	0	0	0	0	0	0	0	0	0	0	0	0
	Additional home disk space (per 1TiB)	36,000	3,000	0	¥0	0	0	0	0	0	0	0	0	0	0	0	0
	Additional Archive Disk (per 1TiB)	3,000	250	0	¥0	0	0	0	0	0	0	0	0	0	0	0	0
	-	0	0	0	¥0	0	0	0	0	0	0	0	0	0	0	0	0
Amount of usable memories (GB)					-	0	0	0	0	0	0	0	0	0	0	0	0
Number of potentially usable CPU cores (exclusive)					-	0	0	0	0	0	0	0	0	0	0	0	0
Number of potentially usable CPU cores (shared)					-	0	0	0	0	0	0	0	0	0	0	0	0
Home Disk		Space (TiB)			-	0	0	0	0	0	0	0	0	0	0	0	0
*Free: 100GiB, 1k files		Number of files (million)			-	0	0	0	0	0	0	0	0	0	0	0	0
Archive Disk space (TiB)					-	0	0	0	0	0	0	0	0	0	0	0	0
-					-	0	0	0	0	0	0	0	0	0	0	0	0
Fat nodes use					-	-	-	-	-	-	-	-	-	-	-	-	-
Monthly use fee chart																	
First month		-			July (7)						¥0						
January (1)		¥0			August (8)						¥0						
February (2)		¥0			September (9)						¥0						
March (3)		¥0			October (10)						¥0						
April (4)		¥0			November (11)						¥0						
May (5)		¥0			December (12)						¥0						
June (6)		¥0			Usage fee (total)						¥0 tax included						

Technical support services

Please submit this form to apply for technical support service.

The technical support service operates by a support point (SP) system. With this form, you can apply for necessary SP, get a fee estimate, and apply for the technical support service. First enter your available SP and the number of units (2,500 yen/unit) that you wish to purchase. Then select the technical support service you would like, using SP up to the number in your possession (unused SP + purchased SP). *SP are only valid for the year in which they were purchased.

service	You may purchase support points (SP) in blocks (units) of 1. One unit (1 SP) is 2,500 yen.		¥0	Currently available SP	0 SP	Total number of SP	Remaining 0																						
				Units to purchase	0 Unit		0/0 0 0 [SP]																						
support	Service name		Necessary SP	Use SP	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.													
	Delivery line	disk service	Portable disk connection (read only)	-	Free	This is a service in which an external disk brought in by the user (size: up to 10 TB) can be connected to the Supercomputer (read only) for up to two weeks. *Data on the Supercomputer cannot be copied onto the external disk.																							
		line	disk	Portable disk connection (full access)	4 SP	0	0	0	0	0	0	0	0	0	0	0	0	The user can bring in an external disk (size: up to 10 TB) and connect it for up to two weeks, with full access to his or her home directory. The user can copy data from the Supercomputer to the external disk. USB 2.0 disks and standard NAS disks can be used. Details on how to connect a disk are available separately.											
			service	Disk delivery service (standard)	1 SP/Disk	0	<input type="radio"/> Yes <input type="radio"/> No The disk is delivered to the user via parcel delivery service.																						
		Delivery	Disk delivery service (premium)	2 SP/Disk	0	<input type="radio"/> Yes <input type="radio"/> No The disk is delivered to the user via a transport service specializing in sensitive equipment.																							
	Short term application for massively parallel job execution		10 SP /256 cores	0	<input type="radio"/> Yes <input type="radio"/> No Users can execute MPI jobs that exceed 256 threads in parallel. Users must first pass the HGC Supercomputer License Certification Exam. * Through this application, the job is valid for one day.																								
	Technical	Security pack		20 SP/year	0	<input type="radio"/> Yes <input type="radio"/> No We will send daily e-mails to the applicant's user account with SSH connection history. The user can also define permitted user accounts, referring to the white list set in his or her home directory.																							
		SSH login monitor (white list registration service)	We will send a weekly e-mail with a list of files in the users home directory that have a permission bit set for group or other.																										
		File access permissions monitor	<input type="radio"/> Yes <input type="radio"/> No Users can bring in external disks to have the data erased. The disk is destroyed using a degausser type hard disk crusher. All data is erased from the disk, and the disk can no longer be used.																										
	Hard disk destruction		1 SP/time	0	<input type="radio"/> Yes <input type="radio"/> No A service for installing requested software. *Depending on the software, we may require a long time to complete installation, and we may be unable to install to it and therefore deny the request.																								
Software installation		-	Free	Users must sometimes wait a month for normal software installation. However, if users apply for this service, they will be given priority for installation of the software by a specialist engineer. *Depending on the software, we may require a long time to complete installation, and we may be unable to install to it and therefore deny the request.																									
Software priority installation		10 SP/time	-	-																									
Technical support estimated usage fee (total)				¥0 (taxes included)																									

Notes

- 1 Print on both sides of the paper.
- 2 Please use the latest application form on the Web site of Human Genome Center.
https://supcom.hgc.jp/c/riyou_sinsei.xlsm
- 3 Students and student researchers must receive a signature or seal of approval from their supervisor.
- 4 Please have one person in charge of payment per laboratory.
- 5 To add/remove user accounts except the representative user, please submit the Application for User Accounts.
- 6 If you are applying for account renewal (continued 'Use' of the following year) or account suspension, you must also submit a usage report, or your application will not be processed.
- 7 Please include one of the following statements in the main text or the Acknowledgements section of any papers published as a result of research that employed the resources of the HGC computer system. You may adjust the wording to fit into the text.

(English)

- a. The super-computing resource was provided by Human Genome Center (the Univ. of Tokyo).
- b. The super-computing resource was provided by Human Genome Center, the Institute of Medical Science, the University of Tokyo.
- c. The super-computing resource was provided by Human Genome Center (the Univ. of Tokyo)[1].
- d. The super-computing resource was provided by Human Genome Center, the Institute of Medical Science, the University of Tokyo[1].
- e. The super-computing resource was provided by Human Genome Center, the Univ. of Tokyo (<http://sc.hgc.jp/shirokane.html>).
- f. The super-computing resource was provided by Human Genome Center, the Institute of Medical Science, the University of Tokyo (<http://sc.hgc.jp/shirokane.html>).

[1] <http://sc.hgc.jp/shirokane.html>

(Japanese)

- a. 本研究は、東京大学ヒトゲノム解析センター・スーパーコンピュータを利用しました。
- b. 本研究は、東京大学医科学研究所ヒトゲノム解析センターのスーパーコンピュータを利用しました。
- c. 本研究は、東京大学ヒトゲノム解析センター・スーパーコンピュータを利用しました [1]。
- d. 本研究は、東京大学医科学研究所ヒトゲノム解析センターのスーパーコンピュータを利用しました [1]。
- e. 本研究は、東京大学ヒトゲノム解析センター・スーパーコンピュータを利用しました (<http://sc.hgc.jp/shirokane.html>)。
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When can I get an invoice?

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