

Regulations for Usage Fees of Academic Center for Computing and Media Studies (ACCMS), Kyoto University
Presidential Decision
Enacted: November 20, 1969
(Title Amended: April 2002)

Article 1. These Regulations prescribe the amounts and defrayment methods for the Large Scale Computer Systems usage fees pursuant to the provisions of Paragraph 2, Article 7 of Regulations for Use of Academic Center for Computing and Media Studies (ACCMS), Kyoto University (hereafter the "Usage Fees").

Article 2. The amount of Usage Fees shall be the total of the sums calculated in accordance with the usage fee amounts under the categories set forth in Table 1 and Table 2.

2. Notwithstanding the provision of the preceding paragraph, the amount of Usage Fees for use of supercomputer systems of Inter-University Services by private organizations shall be the amounts under the categories set forth in Table 3.

Article 3. The following computations shall not incur Usage Fees, notwithstanding the provisions of the preceding article.

(1) Miscalculations attributable to the Academic Center for Computing and Media Studies (hereafter the "Center")

(2) Calculations for research and development required by the Center, and other calculations specially authorized by the Director of the Center

2. The amount of Usage Fees prescribed in Paragraph 2 of the preceding article may be reduced if considered especially necessary by the Director of the Center.

Article 4. Usage Fees shall be defrayed in accordance with the following methods.

(1) If covered by operating expenses of Kyoto University: By budget transfer

(2) If covered by commissioned research funds and donations within Kyoto University: By cost reallocation

(3) If covered by Grants-in-Aid for Scientific Research within Kyoto University: Pursuant to invoicing with a Notification of Usage Fees

(4) If external party is responsible for payment: By transfer to nominated bank account by prescribed date, pursuant to an invoice issued by Kyoto University

Article 5. The Director of the Center shall prescribe any essential matters in relation to the implementation of these Regulations that are not prescribed in these Regulations.

Supplementary Provision

These Regulations take effect on November 20, 1969, and apply from April 1, 1969.

[Supplementary provisions for interim amendments omitted here]

Supplementary Provision

These Regulations take effect on April 2, 2002, and apply from April 1, 2002.

Supplementary Provision

These Regulations take effect on April 1, 2004.

Supplementary Provision

These Regulations take effect on April 1, 2005.

Supplementary Provision

These Regulations take effect on April 1, 2006.

Supplementary Provision

These Regulations take effect on April 1, 2008.

Supplementary Provision

These Regulations take effect on August 8, 2008.

Supplementary Provision

These Regulations take effect on April 1, 2009.

Supplementary Provision

These Regulations take effect on October 1, 2009.

Supplementary Provision

These Regulations take effect on April 1, 2012.

Supplementary Provision

These Regulations take effect on April 1, 2013.

Supplementary Provision

These Regulations take effect on April 1, 2014.

Supplementary Provision

These Regulations take effect on October 1, 2016. However, the amended provisions pertaining to Systems B, C and D in Tables 1 and 3 apply from January 1, 2017.

Supplementary Provision

These Regulations take effect on April 1, 2017.

Supplementary Provision

These Regulations take effect on April 1, 2018.

Table 1. Supercomputer Systems

			Usage Fees	Service Provided							
Course	Type	Set		System	Batch	System Resources	Usage Time (hours)	Storage (TB)	No. of Free Users		
Entry		Basic	12,600 yen/year	B	Shared	Equivalent to 1 node max. ((36-core, 128GB memory) x1)	1	0.2			
Personal	Type A	Basic	100,000 yen/year	A	Shared	Equivalent to 4 nodes max. ((68-core, 16+96GB memory) x4)	168	3.0			
	Type B	Basic	100,000 yen/year	B	Shared	Equivalent to 4 nodes max. ((36-core, 128GB memory) x4)		3.0			
	Type C	Basic	100,000 yen/year	C	Shared	Equivalent to 1 node max. ((72-core, 3072GB memory) x1)		3.0			
Group	Type A1	Minimum	200,000 yen/year	A	Priority	4 nodes ((68-core, 16+96GB memory) x4)	336	24.0	8		
		Each additional unit	100,000 yen/year			2 nodes ((68-core, 16+96GB memory) x2)		12.0	4		
	Minimum	240,000 yen/year	Semi-priority		8 nodes ((68-core, 16+96GB memory) x8)	28.8		16			
	Each additional unit	60,000 yen/year			2 nodes ((68-core, 16+96GB memory) x2)	7.2		4			
	Type A2	Minimum	600,000 yen/year		Exclusive	8 nodes ((68-core, 16+96GB memory) x8)		48.0	16		
		Each additional unit	300,000 yen/year			4 nodes ((68-core, 16+96GB memory) x4)		24.0	8		
	Type A3	Minimum	210,000 yen/year	B	Priority	4 nodes ((36-core, 128GB memory) x4)		336	24.0	8	
		Each additional unit	105,000 yen/year			2 nodes ((36-core, 128GB memory) x2)			12.0	4	
	Type B1	Minimum	252,000 yen/year		Semi-priority	8 nodes ((36-core, 128GB memory) x8)			28.8	16	
		Each additional unit	63,000 yen/year			2 nodes ((36-core, 128GB memory) x2)			7.2	4	
	Type B2	Minimum	630,000 yen/year		Exclusive	8 nodes ((36-core, 128GB memory) x8)			48.0	16	
		Each additional unit	315,000 yen/year			4 nodes ((36-core, 128GB memory) x4)			24.0	8	
Type B3	Minimum	130,000 yen/year	C	Priority	1 node ((72-core, 3072GB memory) x1)	336	24.0		8		
	Each additional unit	130,000 yen/year			1 node ((72-core, 3072GB memory) x1)		24.0		8		
Type C1	Minimum	156,000 yen/year		Semi-priority	2 nodes ((72-core, 3072GB memory) x2)		28.8		16		
	Each additional unit	78,000 yen/year			1 node ((72-core, 3072GB memory) x1)		14.4		8		
Type C2	Minimum	20,000 yen/week (7 days)		A	Exclusive		8 nodes ((68-core, 16+96GB memory) x8)		168		
	Each additional unit	10,000 yen/week (7 days)					4 nodes ((68-core, 16+96GB memory) x4)				
Type A	Minimum	21,000 yen/week (7 days)	B		Exclusive		8 nodes ((36-core, 128GB memory) x8)				
	Each additional unit	10,500 yen/week (7 days)					4 nodes ((36-core, 128GB memory) x4)				
Type B	Minimum	13,000 yen/week (7 days)	C		Exclusive		2 nodes ((72-core, 3072GB memory) x2)				
	Each additional unit	6,500 yen/week (7 days)					1 node ((72-core, 3072GB memory) x1)				
Type C	Minimum	630,000 yen/year	B		8 nodes ((36-core, 128GB memory) x8)			48.0	16		
	Each additional unit	315,000 yen/year			4 nodes ((36-core, 128GB memory) x4)			24.0	8		
Additional Storage			10,000 yen/year	Per 10TB of storage added							
License Service			20,000 yen/year	Per license of visualization software (AVS, ENVI/IDL) and pre/post ware							

Notes:

- Usage Fees are calculated on a fiscal year (April-March) basis. Amounts shown are the total amounts payable. In the event that use of Personal, Group, and Private Cluster Courses is commenced or ended midway through the year, the Usage Fee shall be calculated by dividing the applicable yearly Usage Fee shown above by 12 and multiplying the result by the number of months of use, and rounding the result to the nearest 100 yen. A use commenced or ended midway through a month shall be counted as one whole month of use.
- In addition to the services shown in the table above, the following services are available to all users of the Large Scale Computer Systems.
 - Large-format printing service
 - Use of other services and devices provided by the Large Scale Computer Systems
- Only users of the supercomputer systems are eligible to apply for the Large-scale Job Course, Additional Storage, and License Service shown in the table above.
- “Shared”: Best-effort scheduling is provided with certain computing resources shared with other users in the applicable category.
 “Semi-priority”: Priority scheduling is provided to guarantee computing resources to the value stated (or greater) under normal operating conditions. Moreover, computing resources equal to one-quarter of the value stated are guaranteed regardless of operating conditions.
 “Priority”: Priority scheduling is provided to guarantee computing resources to the value stated (or greater) under normal operating conditions. Moreover, computing resources equal to one-half of the value stated are guaranteed regardless of operating conditions.
 “Exclusive”: Computing resources to the value stated are guaranteed regardless of operating conditions.
- Storage volumes are inclusive of backup space (maximum one half of the total volume).

6. User ID can be added in Group and Private Cluster Courses for a yearly fee of 5,000 yen per user.

7. Organization Fixed Rate

Other institutions and departments of Kyoto University (organizations prescribed in Sections 2 through 11 of Chapter 3 of the Regulations for Organizations of National University Corporation, Kyoto University) applying as organizations to use Group Course services shall be charged Usage Fees of 1.5 times the amounts provided in Table 1. In the event that such Usage Fees amount to less than 1.5 million yen yearly, up to 100 users shall be authorized. In the event that the Usage Fees amount to more than 1.5 million yen yearly, up to 100 users shall be authorized for each 1.5 million yen. 1.5 times of the usual storage volume shall be provided.

8. Supercomputer linkage service

The fees shown below shall apply in the event that a departmental organization of Kyoto University establishes a computing server or the like in close linkage with the supercomputer system of the Academic Center for Computing and Media Studies.

Cooling Method	Usage Fee	Usage Fee Calculation Unit
Water-cooling	9,800 yen/month	Per 1kW of rated power for water-cooled computer servers, etc.
c: cooling	11,500 yen/month	Per 1kW of rated power for c: cooled computer servers, etc.

Table 2 (General-Purpose Computer Systems)

Category	Usage Fee	Unit
Virtual server hosting service	36,000 yen/year	Per 1 virtual server

Notes

1. The Usage Fee shown above is the total amount payable.
2. Only users of the supercomputer systems are eligible to use the above virtual server hosting service.
3. The system resources dedicated to each virtual server are as follows: 2-core CPU, 4GB memory, 100GB disk space.
4. CPU, memory, and disk space for virtual server hosting services can be increased upon payment of the fees shown below.

Category	Usage Fee	Unit
CPU increase	3,000 yen/year	Per 2-core (up to a maximum of 8-core)
Memory increase	3,000 yen/year	Per 4GB (up to a maximum of 64GB)
Disk space increase	6,000 yen/year	Per 100GB (up to a maximum of 1,000GB)

5. Usage Fees are calculated on a yearly basis for use in the applicable fiscal year (from April to March), but shall be reduced in accordance with the number of months of use if use commences midway through the fiscal year.

Table 3. Supercomputer Systems

System	System Resources	Usage Time (hours)	Storage (TB)	No. of Free Users	Usage Fee
A	8 nodes (68-core, 16+96GB memory) x8)	336	28.8	16	960,000 yen/year
	12 nodes (68-core, 16+96GB memory) x12)	336	43.2	24	1,440,000 yen/year
	16 nodes (68-core, 16+96GB memory) x16)	336	57.6	32	1,920,000 yen/year
B	8 nodes (36-core, 128GB memory) x8)	336	28.8	16	1,008,000 yen/year
	12 nodes (36-core, 128GB memory) x12)	336	43.2	24	1,512,000 yen/year
	16 nodes (36-core, 128GB memory) x16)	336	57.6	32	2,016,000 yen/year
C	2 nodes (72-core, 3072GB memory) x2)	336	28.8	16	624,000 yen/year
	3 nodes (72-core, 3072GB memory) x3)	336	43.2	24	936,000 yen/year
	4 nodes (72-core, 3072GB memory) x4)	336	57.6	32	1,248,000 yen/year

Notes

- Usage Fees are calculated on a fiscal year (April-March) basis. Amounts shown are the total amounts payable. In the event that use of Personal, Group, and Private Cluster Courses is commenced or ended midway through the year, the Usage Fee shall be calculated by dividing the applicable yearly Usage Fee shown above by 12 and multiplying the result by the number of months of use, and rounding the result to the nearest 100 yen. A use commenced or ended midway through a month shall be counted as one whole month of use.
- Storage volumes are inclusive of backup space (maximum one half of the total volume).