

**NATIONAL TAIWAN UNIVERSITY**  
**Computer and Information Networking Center**  
**Fee Standards for Computer Equipment and Computing Resources**

January 18, 2011 Amended and passed by the 2,654<sup>th</sup> Administrative Meeting  
 August 19, 2014 Passed by the 2,823<sup>rd</sup> Administrative Meeting

Article 1 The National Taiwan University (“the University”) Computer and Information Networking Center (“the Center”) *Fee Standards for Computer Equipment and Computing Resources* (“the Standards”) are set in accordance with Article 6 of the Center’s *Regulations for the Management of Computer Equipment and Computing Resource Services*.

Article 2 Definition of terms

1. “Renters”: Applicants who submitted service applications, individuals appointed or authorized by an applicant, or newly appointed processing clerks in the handover process

Article 3 Fee calculation and collection

1. The Center shall calculate the fees based on the services requested, and renters shall complete the payment process in accordance with the applicable regulations and procedures of the University.
2. The Center offers monthly, quarterly, and annual billing cycles. The Center shall negotiate with the renter to determine which billing cycle applies.
3. Fee adjustments for long-term, large-quantity, or special-project/special-specification rentals shall be separately negotiated by the Center and the renter.

Article 4 Fee standards:

1. Virtual machine servers and cloud storage services

Fee standards for virtual machine servers and cloud storage services

Category of service	Item	Annual rate (NT\$)
(Virtual) machine servers	Base server configuration	43,000
	+1 cpu core	4,600
	+1 GB memory	2,300
	+100 GB storage	3,000
	High-performance storage equipment (40GB)	14,000
Cloud storage services	Base configuration (10GB)	2,800
	High-performance configuration (10GB)	6,000
	+100 GB base storage	3,000
	+100 GB high-performance storage	35,000

Notes:

- 1) For rental periods shorter than a year, the applicable rate shall be prorated in accordance with the actual number of months used. However, the minimum rental period shall be six months.
  - 2) Additional charges shall apply for the installation of commercial software such as operating systems and databases.
2. High-performance computing services
- 1) Fees shall be calculated in NT\$1 increments based on the number of service units for the server used.
  - 2) “Service unit” (“SU”): The number of core-hours used for a given computing task multiplied by the applicable charge factor of the server used
  - 3) “Core-hour”: The number of cores allocated to a given computing task multiplied by the wall-clock time of the computing task
  - 4) The calculation of fees for a single computing task, as defined above, can be expressed as the following equations:
    - a. Service units = Charge factor × Core-hours
    - b. Core-hours = Wall-clock time × Number of cores
    - c. “Wall-clock time”: The number of hours elapsed from when the computing task is first executed by the system until the conclusion of the task (regardless of whether the task is completed)
    - d. “Number of cores”: The number of requested cores prior to the execution of a given computing task (regardless of actual number of cores used)
    - e. “Charge factor”: The fee coefficient for the specified cores or server(s)

Fee standards for high-performance computing services

Nodes	Charge factor
Large-memory nodes	2.8
Regular nodes	2.0
GPU acceleration	24
Phi acceleration	24
Storage	Annual rate (NT\$)
+100 GB dedicated high-performance storage	560

Article 5 The Standards shall be passed by the Administrative Meeting and then implemented on the date of promulgation.