The History of Information Technology Center, Nagoya University

1970s
Nagoya University establishes Computation Center (NUCC), and installs Fujitsu FACOM 230 series for national joint use.

F230

M380

M1800

1980s - 1990s
NUCC provides computing services using Fujitsu FACOM M series.

2000
Fujitsu GP7000F/90, NUCC's first SPARC64 system, is installed.

GP7000F

1987
NUCC acquires Fujitsu FACOM VP series of the vector supercomputer, and launches high-performance computing service.

VP200

1996
NUCC updates supercomputer to Fujitsu FACOM VPP series. VPP500 is ranked 12th in the 6th TOP500 list.

VPP500

2002
NUCC is reorganized into the Information Technology Center, Nagoya University (ITC-NU).

2009
For diversified computing demand, ITC-NU installs Fujitsu HX600 by T2K open supercomputer specification, and Fujitsu M9000 of large SMP system.

HX600

2013
Fujitsu CX400 is not only user-friendly computer, but also providing cutting-edge systems such as many-core, virtual SMP.

CX400

2014
ITC-NU launches Visualization Lab with SGI UV2000 and 8K tiled display system.

UV2000

Visualization Lab.

2015
ITC-NU updates CX400's processor to improve energy efficiency.

2017
To encourage research of data science areas, ITC-NU installs a GPU (NVIDIA Volta) server and user-friendly storage system.

2005
ITC-NU migrates to the scalar-type supercomputer system, and installs Fujitsu HPC2500 with a peak performance of 14 teraflops. HPC2500 is ranked 41th in the 25th list.

HPC2500

2009
Toward petascale era, ITC-NU installs Fujitsu FX1 with a peak performance of a 30 teraflops.

FX1

2013
ITC-NU installs Fujitsu FX10 of liquid-cooled system, and petabyte scale distributed storage system.

FX10

2015
To encourage research for exascale, ITC-NU updates supercomputer to Fujitsu FX100 with a peak performance of 3 petaflops. FX100 is ranked 21st in the 46th TOP500 list, and also 12th in Nov. 2015 HPCG.

FX100

2020
New supercomputer system will begin from July. It will be the fusion system of large-scale numerical calculation and data science. The total peak performance will be 14+PFLOPS.

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