Case Studies

CELSIUS W5012-Combined speed, power, stability and energy savings

The CELSIUS W5012 PC is a fully equipped PC workstation with the latest technology. PC workstations are designed to perform processing-intensive tasks, and our CELSIUS series provides this functionality.

The CELSIUS W5012, which came to market in FY2023, features Windows 11 Pro, a 13th generation Intel® Core™ processor and DDR5 memory, and is suitable for CAD, architectural and structural analysis, healthcare, and 2D and 3D video production.

In terms of eco-friendliness, the use of low-power components has enabled a 44% reduction in power consumption during use compared with previous models. CELSIUS W5012 also achieved an AAA rating in energy consumption efficiency (FY2022 standard) based on Japan's Energy Conservation Act.

With full deployment of the latest technologies with energy savings in the CELSIUS W5012, Fujitsu will continue to strive to realizing a society that is both environment- and people-friendly.

CELSIUS W5012

[September 2024]

Development of a reuse program for ATM maintenance parts (Fujitsu Frontech)

When we replace our customers' ATMs, we take back old ATMs that would normally be scrapped and refurbish some of the parts to be used as maintenance parts. This reduces the number of newly manufactured maintenance parts, thereby limiting the use of new resources and helping to reduce waste.

ATM remanufactured maintenance parts (units)

[September 2024]

FACT-X functions as a new ATM that conserves energy

FACT-X is a next-generation ATM for a cashless era. It works as a bank teller in addition to serving as a full-service ATM. Developed under the concept of "accessible to all," the ATM has many thoughtful features with all users in mind, including simple operation and accessibility, security design, and ease of use for those unfamiliar with ATMs or in a wheelchair. We also provide operational support services to the companies that operate ATMs, including remote functions and remote maintenance services. In addition, we will continue to provide functions that meet customer needs, including features to reduce teller operations.

In terms of environmental considerations, we have revised the function and parts of the new model to include complete transition from paper journals to electronic journals and adoption of SSD, in addition to offering the Super Eco Mode which turns the power off when no users are present in existing models. This update reduced power consumption by 15% when in use compared to conventional models*. (*Compared to FACT-V X200)We strive to help customers achieve sustainability and transformation through enhanced customer services and provision of channel reform through FACT-X as a new contact point.

FACT-X

[September 2023]

ARROWS Tab Q7312 balancing improved performance of the same sized laptop computer and resource efficiency

ARROWS Tab Q7312 is a high-end tablet device featuring a large screen ideal for a wide range of uses. It offers advanced functions and scalability for business and comes equipped with advanced security features including a TPM 2.0 security chip and (optional) fingerprint scanner. In addition to high-end features, the tablet only weighs about 1.2kg even when including the specialized slim keyboard.

In terms of the environment, ARROWS Tab Q7312 improves resource efficiency by 2.1% with the use of components made of recycled plastics. It is also Energy Star certified because of its reduced consumption of electricity.

By offering the ARROWS Tab Q7312 tablet featuring high-end specifications, scalability and improved resource efficiency, Fujitsu will contribute to a society that is equally considerate of both the environment and people.

ARROWS Tab Q7312/KB

[September 2023]