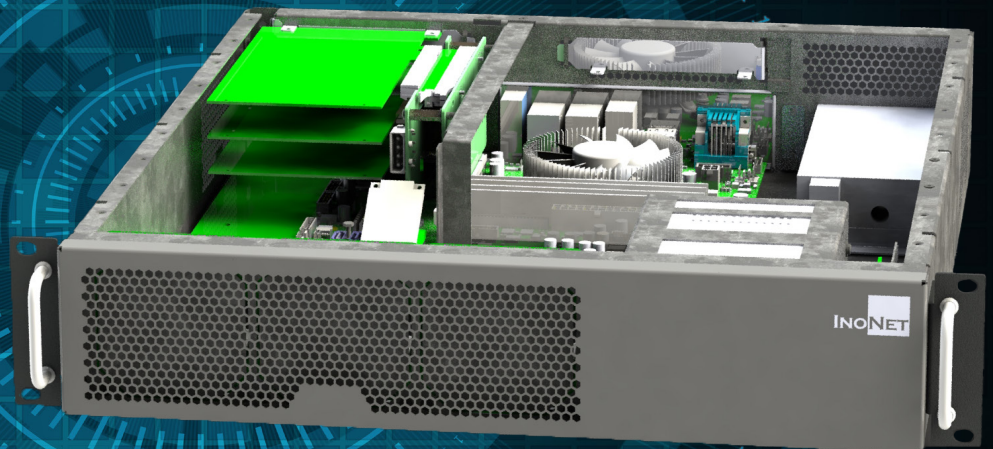


Next-InoNet-Computer-Innovation NICI-Design

**InoNet develops your own personal
19 inch computer**



NICI (Next-InoNet-Computer-Innovation) is a design concept that enables InoNet to develop and customize 19-inch PCs quickly and cost-effectively according to customer requirements. In addition to the adaptation of the housing dimensions, an individual front design in the corporate design and other customer-specific modifications are also possible.

Chassis dimensions

By adjusting the **height** (1U, 2U, 4U) and **depth**, the computer can be adapted for use in special locations where space is at a premium. A customer from the medical technology sector who needed IPCs for his server cabinet, which was also developed by InoNet, took advantage of this. With the help of the NICI design, the systems could be adapted to a depth of 350 mm and were therefore suitable for installation in the customized server cabinets. In addition, the interfaces on this IPC are located on the front at the customer's request, which makes it easier to connect peripheral devices.

Front and back panel

The entire front can be customized. Possible modifications include **painting** in a specific color, **screen printing a logo**, **adapting the angle brackets** and changing the **front interfaces**.

In the industrial sector, the NICI design has already been used by a customer to configure their very own 19-inch IPC. The front was painted and provided with a screen-printed logo. The ventilation grille was also adapted to the company design. Two USB ports, a power switch and two drive shuttles were fitted behind the hinged front.

At the customer's request, the front interfaces can also be operated directly without having to open the front.

The **back panel** can also be replaced so that it can be adapted to the individual application. This means that the customer only receives the interfaces that they really need.

Customer wishes

Other **customer requests** can also be accommodated. Another customer requirement was the ability to add custom electronics to the system in the future. To make this possible, additional **bolts and mounting options** were added to the case. The **InoSlot** is located above the mainboard. This individual slot panel allows additional interfaces to be implemented, but is used by the customer to mount their own circuit board.

Sufficient space has also been left above the power supply and appropriate mounting brackets have been fitted to allow the installation of an additional board. Another request was to add three fans to the system to provide adequate cooling for the existing electronics and personal expansions. To protect the components from the dusty environment, a customized **filter mat** was installed in the front, which can be easily replaced and cleaned from the front.

3D-Model

The NICI design also makes it possible to quickly create a **3D model** that visualizes the customer's new system. As a result, **adjustments** can be made at a very early stage during discussions with the customer. This **speeds up the concept and design process by up to 50%** and saves costs, as customer requirements can be quickly incorporated before the prototype is built. However, the exact duration of the entire process depends on the respective requirements.

InoNet's NICI design is therefore a fast and cost-effective way to customize your 19-inch computer.

Quick Facts:


Possible adjustments:


- Height/depth of the chassis
- Front:
 - » Painting
 - » Screen printing of the logo
 - » Angle brackets
 - » Interfaces
- Back panel
- Other specific customer requirements

3D-Model:


- Visualization
- Changes can be made earlier


Benefits:


 Flexible system development according to customer requirements

 Fast demonstration and modification thanks to parametric design in discussion with the customer

 Unique OEM design

 Long-term availability and planning reliability without delivery problems

 InoNet EoL management

 Long-term possibility to adapt to new requirements

