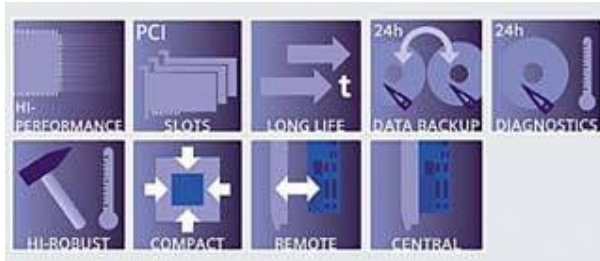


Human Machine Interface (HMI) - SIMATIC Panel PC

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Overview

- PC platform with high degree of industrial compatibility for demanding tasks in the area of PC-based automation
- Rugged construction:
The PC can withstand the harshest mechanical stress and maintains reliable operation
- Compact design
- High degree of investment protection
- Fast integration capability
- Front panel versions:
 - 12", 15" and 19" TFT Touch
 - 12" and 15" TFT Key
 - 15" TFT Touch, stainless steel/INOX
- Operator control unit can be located at a distance of up to 30 m from the computer unit (optional)

Benefits

- High industrial capability thanks to extremely rugged design, even resistant against strong vibration and impact loads
- High investment security thanks to assured availability of spare parts (for a period of 5 years following the end of active marketing)
- Optimum continuity of components for long-term machine concepts without the need for repeated engineering outlay
- Time and cost savings thanks to service-friendly equipment design:
 - Operator control unit and computer unit can be simply hinged open for fast replacement of components or for future expansion
 - Front and rear USB 2.0 interfaces for quick and easy connection of additional hardware components
- High degree of industrial functionality thanks to integrated PROFIBUS DP/MPI and Ethernet interfaces

- Operational reliability:
The optional direct key module can be used to run the process independently of the operating system and without delay directly via PROFIBUS DP.
- 2 x ≥ 60 GB SATA hard disk system (RAID1 controller function is integrated into the chip set and can be connected to implement a mirror disk system over BIOS)
- Minimization of downtimes through increased system availability
 - Efficient self-diagnosis (SIMATIC PC DiagMonitor)
 - Solutions for preventive data backup
- Integral component of Totally Integrated Automation (TIA):
increased productivity, minimized engineering outlay, reduced life cycle costs
- Additional installation possibilities by separating the computer unit and operator control unit using the Remote Kit (up to 30 m, available optionally as an accessory)