Powerful – everything under control.

Growing machine requirements and new challenges in the field of Digital Services increase the demands on control units. Lenze's new generation of cabinet controllers is the perfect answer to these demands.

This new product range will enable you to easily realize high-end control applications, such as printing machines with many printing units or picker lines with multiple robots. Thus, modern and modular machine controls can be implemented based on our software modules.

Highlights

- High computing power for demanding motion control in compact machines
- Maintenance-free and more resistant: The battery-free design and the extended ambient operating temperature to 60 °C are the guarantors of a use in all areas of industry
- The engineering tools are the same as for all the other Lenze products which enables you to continue to use the tools you are familiar with
- Optional fieldbus extension
- Ready for state-of-the-art web-based machine visualizations in combination with EASY UI Designer and v450 web panel

Lenze

Product information
Controller c520/c550

Easy to use
- Maintenance-friendly thanks to a battery-free design
- Easy device replacement thanks to pluggable memory card

Computing power for sophisticated tasks
- We provide the most powerful Intel® Core™ i industrial-grade CPU currently available for highly compact designs

Connectivity enables simple machine integration
- Standardized interfaces and standardized protocols
- Supports industry standards such as OPC UA (DA Server) and EtherCAT

I/O system 1000 as local I/Os
- Permanent wiring through separation of the electronic and base module
- Easy connection thanks to the printed-on circuit diagram
- Fully integrated shield connection without the need for special shield terminals

c520

c550

c550 with I/O system 1000

Technical data

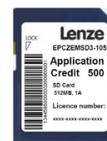| Controller	c520	c550
CPU technology	Intel Atom® 1.6 GHz	Intel® Core™ i7 2.8 GHz
Operating system	RT Linux	
Retain data	1,024 kB	
Interfaces	1x EtherCAT master 1x Ethernet 1000 Mbps 2x USB 2.0	
Optional interface	PROFINET device	
Operating temperature	+60 °C / +140 °F	
Cooling	Passive	Controlled fan (replaceable)

Accessories

Power supply unit

USB flash drive

SD card with Application Credit

Lenze