

Spectra-Panel Z-Series: Industrial Panel PC in IP69K stainless steel housing

IDEAL FOR THE FOOD/PHARMACEUTICAL/MEDICAL INDUSTRY



Hygiene requirements

are particularly high in the food, pharmaceutical and medical industries. Since the spread of particles, germs and other contaminants must be prevented at all costs, materials are used in the production process whose contamination potential is as low as possible.

For use in this hygiene-critical environment,

Spectra presents the panel PC of the Spectra Panel Z series with display sizes from 17" to 21.5" and resistive touch screen. The use of stainless steel for the housing of these panel PCs guarantees a very high surface quality that can withstand highly corrosive environments as well as high pressures and temperatures. Even under continuous stress, the homogeneous surfaces remain free of hairline cracks or pores, so that no impurities can adhere. In addition, the Panel PCs are designed according to the IP69K protection class all around. Two Gigabit LAN, four USB and two COM interfaces are designed as M12 or IP67 connectors and allow easy cleaning and disinfection all around.

For the processors,

you can choose between representatives of the Intel® Apollo Lake or Kaby Lake family. Two DDR4 SO-DIMM sockets, occupied by 1x 8GB RAM and expandable up to max. 32GB, are available as RAM. A 128GB 2.5" SSD and an additional M.2 M-Key 2280 are used for data storage. An mPCIe (full-size) and an M.2 E-Key 2230 slot are used for functional extensions.



Spectra takes over the installation of the components at the customer's request, as only trained personnel are allowed to open the Panel PC in order to guarantee the tightness of the device.

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