

Technical Features

Next Level Front Panel



Highlights of the latest Touch Panel generation:

Display:

- Numerous display diagonals from 7 bis 21.5 inches
- 13.3 to 21.5 inches in Full HD

Performance and Interfaces:

- Numerous performance classes from monitor to powerful Touch Panel PC
- Individual configuration through interface extensions and memory upgrades
- Intelligence is compactly integrated in the back cover with uniform form factor
- Connection to different field bus systems through expansion card
- Image and BIOS adaptation for Windows and Linux

Touch Panel:

- Protection up to IP65
- Quick display exchange in case of service, due to separate front and rear unit
- Retrofitting in the field possible
- Development and production in Germany

Optics and technical functionality

The modern design language combines interesting lines with sophisticated functionality. The housing of the new Touch Panel generation fulfills a central task. Dirt and liquids cannot settle. This makes cleaning easier for you.

The Front Panel can be easily mounted into the provided recess with the help of the push pins.

Another advantage is the separation into separate units. You can replace the display separately from the rear cover. This shortens downtimes and eliminates the need for time-consuming data storage.

From Ideas To Reality

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ELECTRONIC SYSTEMS

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System Overview 3965U, i3, i5, i7:

TPM 2.0: Yes
USB 2.0 Host: 2 (Type A, bottom)
USB 3.0 Host: 2 (Type A, bottom)
Ethernet 10/100/1000-BaseT: 2 (RJ45)
EIA-232/422/485: 1 (Sub-D)
DisplayPort: 1 (DP 1.1)
RTC: Yes
Temperature range: 0 to +50°C
Cooling: Passive (fanless)
Power: 12 - 24 VDC \pm 20%
Power Button: Optional

Extensions:

USB
Ethernet 100 Mbit
Ethernet based field buses
UPS
CAN
Side USB 2.0 / Power Button

Possible applications:

Monitor, Distance Monitor, Panel PC

Display diagonals:

7 - 21.5 Zoll, 13.3 Zoll to 21.5 inch available in Full HD

Possible CPUs:

Intel® Celeron™ N3350 1.1 GHz
Intel® Celeron™ 3965U 2.2 GHz
Intel® Core™ i3-7100U 2.4 GHz
Intel® Core™ i5-7300U 2.6 GHz
Intel® Core™ i7-7600U 2.8 GHz

Memory:

RAM: max. 8GB DDR3L (N3350)
RAM: max. 32GB DDR4
Mass storage: 3D TLC SSD 64 GB up to 512 GB

System Overview N3350:

TPM 2.0: Yes
USB 3.0 Host: 2 (Type A, bottom)
Ethernet 10/100/1000-BaseT: 2 (RJ45)
EIA-232/EIA-422/EIA-485: 1 (RJ50)
DisplayPort: 1 (DP 1.0)
RTC: Yes
Temperature range: 0 to +50°C
Cooling: Passive (fanless)
Power: 12 - 24 VDC \pm 20%
Power Button: Optional

