

Data sheet



Fan-less IPC integrations for 15" and 19"

CPU Long-term available	Intel Atom Quad Core E3845 4 x 1,91 Ghz, 2 MB
Main storage	2 GB DDR3, max 8 GB
Chip set Graphics Watchdog	Nuvoton NCT5523D dual 24 Bit LVDS+ DVI-I 256 levels
Drives* HDD Solid State Disk	2,5" 500 GB - 2 TB / 2 Sata 2,5" 128 GB - 1 TB
Interfaces rear side	1 x 1 Gbit LAN RJ45 IP67 2 x USB 2.0 IP67 additional 1 x 1 Gbit LAN RJ45 IP67
internal interfaces optional lead out	2 x USB 2.0, 1 x USB 3.0, 1 x RS232, 1 x RS232/485/422, Speaker, Mic, 1 x mini PCIe + 1/2 length Digital I/O 4/4
Extensions Digitales I/O	
Operating systems optional	Windows 8, Windows 7, XP, XPe, Linux
Supply voltage*** Power input	230 V / 24V DC ~ 30W
Ambient temperature Operating temperature Storage temperature Relative air humidity	0 ~ 50°C -20°C with heating kit -20 ~ 80°C 10 ~ 90% non condensed

Device data

Typ	CS-line 15"	CS-line 19"	CS-line 21,5" upon request
Display	15" Color TFT with 16,7 Mio. colours	19" Color TFT with 16,7 Mio. colours	21,5" Color TFT with 16,7 Mio. colours
Resolution	1024 x 768 Pixel	1280 x 1024 Pixel	1920 x 1080 Pixel
Brightness/Contrast	300 cd/m ² , 800:1	300 cd/m ² , 1300:1	250 cd/m ² , 1000:1
Touchscreen	capacitive multitouch in front flush full glas-design		
Mechanics			
Dimensions	458 x 440 x 45 mm		
Weight	11 kg		
Ingress Protection	hygienically all around - IP65 or IP69K		

Guaranteed, closely and reliably.

Highlights

Our CS-Line is especially designed for the use in hygienically and chemically critical environments. The rugged stainless steel enclosure has a design depth of just 45mm. The front itself consists of a hardened, sophisticated glass front which complies with highest demands.

With our hygienic PCs we support manufacturing conditions at a rate of 100%, even if the unit's surface has contact to food-related liquids like water, fat or emulsions.

Even at temperatures below 30°C / -22°F

- 15" and 19" multi-touch screen
- Innovative and hygiene-equitable
- Crystal clear with consistent glass or acryl front
- IP69K 360° or frontside IP69K and backside IP65
- optimal performance
- Easy-to-connect: Ethernet, USB fully, power supply fully covered
- Optional tactile user feedback
- Optional functional control keys below glass-surface
- Optional RFID tag reader authentication below glass-surface

