



1218.00 EUR

incl. 19% VAT, plus shipping

- 19.0" 350 nits high brightness SVGA TFT LCD with LED backlight
- 5 wires analog resistive type Touch
- Onboard Intel® Bay Trail-M N2930 1.83GHz Quad Cores CPU
- Onboard SAMSUNG 4G/1333MHz DDR3L Memory
- Support Dual Intel® Gigabit LAN
- Support 6 * COM ports (COM2/COM3 Support RS422/485)
- Support 2.5" SATA HDD
- 1 * M-SATA Socket
- 1 * Mini PCI-E Socket
- Support 4G SIM Card
- Support wide voltage input 9~24V
- IP65-rated front bezel

Display

Front Bezel	- IP65, NEMA 4 rugged protection, metal front bezel
Display Type	- 19.0" With LED Backlight
Brightness (cd/m ²)	- 350 nits

Display Color	- 16.7M
Resolution	- 1280 x1024 @ 60Hz
Viewing Angle (H/V)	- 170°/160°
Pixel Pitch	- 0.294 x 0.294 mm
Aspect Ratio	- 4:3
Contrast Ratio	- 1000:1
Response Time	- 12 ms
Operating Temperature	- -30 ~85° C

Touch Screen

Type	- 5 wires analog resistive type
Active Range	- 337.00 x 269.50mm ±0.2mm
Transparency	- 80 ±3%
Surface Hardness	- $\geq 3H$ (ASTM D3363, pressure 750g/45°)
Operating Force	- $\leq 80g$
Knock test	- 10,000,000 times keystrokes
Operating Temperature	- -10 ~60° C

Main System

CPU	- Intel® Bay Trail-M N2930 1.83GHz/QC
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RAM	- 4G 1333MHz DDR3L SAMSUNG DRAM
BIOS	- 64MB SPI Flash ROM
Storage	- 1 * 2.5" SATA HDD (SATA2) - 1 * M-SATA connector
Watchdog Timer	- 256 levels, 0~255 sec.
OS Support	- Windows 7 / 8.1 / 10 / Linux (Option)

I/O Connector

I/O Ports and Switches	- 1 * USB3.0 - 3 * USB2.0 - 4 * RS232 - 2 * RS232/422/485 - 1 * CRT - 2 * LAN (Intel® I211AT Gigabit LAN) - 1 * Line-out (2-CH 3W Speaker) - 1 * Euro terminal block 9~24V DC input
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Expansion Interface

Expansion	- 1 * PCI-E mini card for WIFI or 4G
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Power

Power Input	- AC version: 100~240V AC-DC 60W power adapter or - DC version: 9~24VDC with over current protection fuse
Power Consumption	- 38.5W

Power

Case Dimensions	- 427.0mm*352.0mm*60.0mm
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Certifications

Certifications - CE, FCC, IP65

Environment

Temperature - Operating Temperature: 0 ~ 60° C (with W.T. DRAM/HDD in airflow condition)
- Operating Temperature: 0 ~ 60° C (with W.T. DRAM/HDD)
- Storage Temperature: -20 ~ 65° C

Shock - Operating: 15G , 11ms duration

Vibration - Operating: 5~500Hz/1 Grms

Warranty

Warranty - 2 Years Limited Warranty (Panel and Touch is only Warranty 1 Year)