Embedded PC

GF 1036-T  GF 1236-T

Technical information
- tough steel case
- color active-TFT-display
- 26cm (10.4” VGA / SVGA)
- 31cm (12.1” SVGA / XGA)
- Intel processor
- industrial hard disk, solid state disk
- compact flash, RAID
- frontal degree of protection IP65
- touch screen
Technical specification:

Display modul
Type: Color active TFT-display
Diagonal: 26 cm (10.4") VGA / SVGA
Resolution: 800 x 600 / 1024 x 768 pixel
Color: 262,144
Backlight / MTBF: CCFT 1/5 / 50.000 Std. 1/5
Working temperature: -30°C - +70°C
Brightness: 450 cd/m² (without screen)
Ratio: 600 : 1 / 700 : 1

Touch screen
Technology: Resistive
Connected to: Touch controller „USB“

Computer
Motherboard: Mini itx, embedded board
Processor: Intel ATOM
RAM: on request (max. 2GB)
Operating system: Microsoft WINDOWS XP embedded
Watchdog: Hardware / Software programmable

Compact Flash
Data storage: industrial compact flash
Working temperature: 0°C – 70°C
Transfer rate: up to 16,7MB/s data transfer rate
Storage: up to 10 years

Interfaces
Serial: RS232 / 422 / 485
Mouse/Keyboard: PS/2 (available)
Network: 10/100/1000M Base-T Ethernet
USB: USB 2.0 (max. 6 available)
Audio: AC-97 Codec 1/5
VGA: VGA / DVI Connector 1/5
Extension via: Mini PCI Express, PCI-104 1/5

Power supply
Input voltage: 18 – 32VDC
Power consumption: max. 35W 1/5
Connector: 3-pin Phoenix Connector

Operation conditions
Ambient temperature: 0 to +45°C 1/5
Storage temperature: 25 to +60°C 1/5
Atmospheric humidity: max. 95% (no condensation)

Protection
Degree of protection: IP65 (frontal) 1/5
Front screen: non-reflecting Touch screen

EMC / Safety
Interference emission: EN 55022
Interference immunity: EN 55024
Equipment immunity: EN 60950-1

Enclosure
Weight: 7.5 kg 1/5
Material: Steel
Front plate: Aluminum 5 mm
Color frontal foil: RAL 7035

Option
External power supply: 90 – 264VAC
Processor: Intel Celeron M 600MHz / 1GHz
Interfaces: on request

Available accessories
Push loading keyboard: 19” 2HU, diff. Language layouts
Hard drive: industrial hard drive (24/7)

Dimensions (Fig. might differ from the original)

(all dimensions in mm)

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