12.1" Capacitive Touch PC

Features

- Intel® Celeron™ DualCore N2807 CPU
- 4GB RAM
- 64GB faytech Industrial SSD
- Supports Win7/8/10, Linux (32Bit, 64Bit)
- Extensive industrial and consumer interfaces
- 10-Finger-Multi Touch Capacitive Touch Panel
- Patented IP65 front with silicon seal
- Audio amplifier with speakers
- VESA 100 Mounting
- Integrated W-LAN
- 2 years guarante

MetroClick´s Small Format Touchscreen Pcs are the right choice for comercial or industrial environments. Available in 7", 8", 10.1", 12.1", 15" and 21.5" sizes, each model is built for reliability and extended service. An industrial HD LCD panel with energy-saving LED technology, A+-quality, wide viewing angle and 10-finger-capacitive multitouch panel, makes these the perfect interactive Touch solution for digital signage, way-finding, classrooms, dealerships, supermarkets, hotels, sports arenas, fashion shows, industrial 4.0 projects, interactive visualisations and many other uses.

12.1": Capacitive Multi-touch Touchscreen display (2 year manufacturer warranty)
Includes: (Intel PC, Cables, Bracket, Wiring, Installation).

metroclick™

Product name	12.1" Capacitive Touch PC
Article code / EAN number	FT12J1900W4G64GCAP / 6920734012534

PC System

CPU   Intel® Celeron™ QuadCore J1900
Chipset Intel® E3800
Graphic GPU   Intel® HD Graphics
Audio   Realtek 887 8 -channel high definition audio codec, Audio Amplifier EUA 2012A
Memory 1x 4GB DDR3L SODimm (expandable to 8GB)
Storage faytech Industrial 64GB SSD
Network 2x Realtek PCIe GB LAN 8111G; W-LAN
Driver Support   Win7/8/10; Linux; 32Bit/64Bit
Pre-installed OS   Linux Ubuntu

LCD Panel

IP rating IP65 Front / IP40 Back
Screen diagonal (Inch/cm)   12.1/30.73
Display active screen size (cm)   24.60×18.40
Aspect ratio   4:3
Physical resolution   1024×768
External Maximum showable resolution - DP, VGA   1920×1200
Colours displayed   16.7M
Brightness (cd/m²)   500
Contrast 700:1
Typical reaction time Tr/ Tf (ms)   25/10
Visual Angle horizontal/vertical (°)   160/160
Backlight / Backlight Lifetime (hours)   LED / 30,000

Touch Panel

Touch Technology   Projected Capacitive 10-point Multitouch
Touch Connector USB
Touch Life (Contacts)   Unlimited
Surface Hardness   7H
Surface Treatment   Anti-glare (chemical etched)

Operation/Mechanical

Operating Temperature (°C)   -10 ~ +60
Humidity Range (RH)   10% - 90%
Net weight (kg) 3.50
Gross weight (kg)   5.50 (incl. cartonage)
Housing material Rubber Front Case, Aluminum IPC Back Case
Housing (cm) L × W × H   30.86 × 23.91 × 5.38
Mounting   VESA 100

Power

Power Indicator   Green LED
Power Supply   100-240V ACDC active switching; 12V DC-Out
Working Power (V)   12

Power Consumption (W)   15
Stand-By Consumption (W)   <1

Internal Connectors

1x SO-DIMM Slot, max. 8GB, DDR3L-1333 Single channel memory
1x 12V DC power connector (2-pin)
1x 4-pin SATA power connector
2x S-ATA 3GB/s ports
1x 5-pin LCD power connector
1x VGA pin header
1x SIM-card-Header (connected to MiniPCIe)
1x LVDS connector
1x S/PDIF output pin header
1x 4-pin (2x2W) audio amplifier connector
1x PS/2 keyboard/mouse connector (6-pin)
2x USB 2.0 header supports additional 4x USB 2.0 ports
3x RS232/RS485 COM connectors, switchable between RS232/RS485 in BIOS
1x 8-bit Digital I/O interface
1x Chassis Fan connector

External Connectors

1x 12V DC-In (screwable)
1x DisplayPort
1x VGA-out (from internal header)
1x USB 3.0, 3x USB 2.0 ports
2x COM port Full-PIN (RS232/485; 5V/12V)
2x COM port 3-PIN (RX, TX, GND; RS232/485 switchable)
2x 10/100/1000Mbit RJ45 Ports
2x W-LAN connector
1x S/PDIF-Out (1x Cinch, 1x Torx module)
1x MIC-In & EAR-Out
8x In/Out GPIO as RJ45
1x 2.5" module slot, changeable SSD included

Expansion Slots

2x Mini Card slots with PCIe and USB interface (2x Full Height/Half height changeable)
1x PCIeX1 Straddle connector

Included in the Delivery

Power Supply (see Power section)
Driver DVD
Short Installation Manual
Standard Stand
W-LAN Antenna