8" Capacitive Touch PC

faytech

- **Edge-to-edge glass IP65 rated**
- **10-finger multitouch touch screen panel**
- **Intel Celeron N2807 CPU, Intel HD Graphics**
- **2GB RAM (expandable to 4GB)**
- **64GByte SSD included**
- **32Bit and 64Bit support, Linux and Win 7/Win 8/Win10 support**
- **Pre-installed Linux Ubuntu OS**
- **Consumer and industrial interfaces**
- **Integrated Wi-Fi (Intel 533AN), 2x10/100/1000 Mbps network ports**
- **Audio amplififer with 2x2w speakers**
- **VESA 100 bracket for mounting, metal stand included**
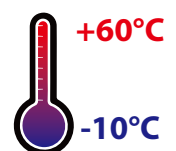- **Customization available upon request**

faytech´s innovative IP65 Front Capacitive Touchscreen PC with its silent fanless operation, reliability, and fine craftsmanship, stands out from the competition.

The Touchscreen PC features a sleek modern appearance. Flat edge to edge glass with a patented silicone rubberized seal ensures the front panel is water proof and dust proof meeting the requirements of IP65 standards. The back has a sturdy aluminum case manufactured out of a continuous casting mold with stable VESA-100 fixation bolts offering numerous industrial and consumer connectors like four serial ports, eight GPIOs or USB 3.0.

The heart of the Touchscreen PC is faytech´s industrial fay-002 mainboard with the powerful but fanlessly cooled Intel Celeron J1900 QuadCore processor with up to 2.42GHz Core speed, equipped with 4GByte RAM, 64G SSD and Intel´s HD Graphic chipset, supporting FullHD, DirectX 11.1 and OpenGL 4.0.

The capacitive touch panel is completely inhouse developed by faytech´s renowned engineers. Anti Glare chemically etched surface treatment, 10-finger multitouch and unlimited touches without failure on the touch panel are class leading features. Behind that touch panel are faytech´s A+ panels, guaranteeing that there is not even a single sub-pixel defect. As an option, customers can chose optical bonding and high brightness panels to further improve the visual impression of the product.

faytech's industrial touch PCs ensure the performance and stability required for long term operation in today's demanding manufacturing, commercial, and retail environments.

FANLESS

W-LAN

SUPER**SPEED** CERTIFIED USB

USB UNIVERSAL SERIAL BUS

+60°C
-10°C

Product name	8" Capacitive Touch PC
Article code / EAN numer	FT08N2807W2G64GCAP / 6920734008537

LCD Panel	
IP Rating	IP65 Front / IP40 Back
Screen diagonal (Inch/cm)	8/20.32
Display active screen size	16.20×12.20
Aspect ratio	4:3
Physical resolution	1024×768
External Maximum showable resolution - DP	1920×1200
Colours displayed	16.7M
Brightness (cd/m²)	250
Contrast	700:1
Typical reaction time Tr/ Tf (ms)	6/14
Visual Angle horizontal/vertical (°)	150/150
Backlight / Backlight Lifetime (hours)	LED / 20,000

Operation / Mechanical	
Operating Temperature (°C)	-10 ~ +60
Humidity Range (RH)	10%-90%
Net weight (kg)	1.80
Gross weight (kg)	2.10 (incl. cartonage)
Housing material	Rubber Front Case, Aluminum backcase
Housing (cm) L × W × H	20.10 × 16.05 × 4.67
Mounting	VESA 100

PC System	
CPU	Intel® Celeron™ DualCore N2807
Chipset	Intel® E3800
Graphic GPU	Intel® HD Graphics
Audio	Realtek 887 8 -channel high definition audio codec, Audio Amplifier EUA 2012A
Memory	1x 2GB DDR3L SODimm (expendable to 4GB)
Storage	faytech Industrial 64GB SSD
W-LAN	2x Realtek PCIe GB LAN 8111G
Driver Support	Win7/8/10; Linux; 32Bit/64Bit
Preinstalled OS	Linux Ubuntu

Touch Panel	
Touch Technology	Projected Capacitive 10-Point Multitouch
Touch Connector	USB
Touch Life (Contacts)	Unlimited
Surface Hardness	7H

Power	
Power Indicator	Green LED
Power Supply	100-240V ACDC active switching; 12V DC-Out
Working Power (V)	12
Power Consumption (W)	14
Stand-By Consumption (W)	<1

External Connectors
1x Display port
1x USB 3.0, 3x USB 2.0 ports
3x COM port Full-PIN (RS232/485; 5V/12V)
2x 10/100/1000Mbit RJ45 Ports; 2x W-LAN connector
1x MIC-In, EAR-Out
1x 12V DC-In (screwable)
2x W-LAN connector

Expansion slots
2x Mini Card slots with PCIe and USB interface (2x Full Height/Half height changeable)

Included in the Delivery
Power Supply (see Power section)
Driver DVD
W-LAN antenna
Short Installation Manual

Internal Connectors
1x SO-DIMM Slot, max. 4GB, 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 VGA pin header
1x LVDS connector
1x 5-pin LCD power connector
1x SIM-card-Header (connected to MiniPCIe)
1x S/PDIF output pin header
1x 4-pin (2x2W) audio amplifier connector
1x PS/2 keyboard/mouse connector (6-pin)
1x USB 2.0 header supports additional 4x USB 2.0 ports
2x RS232 connectors (2x externally connected)
1x 8-bit Digital I/O interface
1x Chassis Fan connector

faytech Tech. Co., Ltd.
Building F., Hongmen Tech. Zone,
Jihua Rd., Shenzhen, China 518129

support@faytech.com
contact@faytech.com
www.faytech.com

China: +86 755 89580612
Germany: +49 551 82098660
USA: +1 646 205 3214