15" Resistive Touch PC Flat

- fay-002 Industrial Mainboard
- Intel® Celeron™ DualCore N2807 / QuadCore J1900 CPU
- 2GB RAM / 4GB RAM (expandable to 8GB)
- 64GB faytech Industrial SSD
- Supports Win7/8/10, Linux (32Bit, 64Bit)
- Extensive industrial and consumer interfaces
- High-quality black aluminum housing
- Audio amplifier with 2x2W speakers
- Pre-installed Linux Ubuntu
- 5-Wire Resistive touch technology
- VESA 100 Mounting
- Integrated W-LAN
- 2 years guarantee
- Extended voltage input 8-36V DC *(optional)*

* Small Metal Stand Included in the Delivery

For industrial and business applications, faytech's Touch PC series provide incredible stability due to its fanless silent operation, no moving parts design and aluminum housing.

Equipped with strong Intel® Celeron™ DualCore or QuadCore CPU, Intel® HD graphics, 2G / 4G RAM and 64G SSD, the system supports various OS, e.g. Win 7/8/10 (32 or 64 bit) and Linux.

Using 5-wire resistive touch panels (4-wire for 7") and faytech's subpixel free A+ LCD panels, it is our cost-effective yet highly reliable solution for long term operation.

faytech's Touch PCs are the perfect option for moderate and challenging situations, such as industrial automation, POS system, digital signage, etc.

Customization available for project customers (e.g. higher brightness, IP protection classes, optional touch screen technologies, etc.).

FANLESS

W-LAN

SUPER SPEED **CERTIFIED** **USB**

USB **UNIVERSAL SERIAL BUS**

+60°C
-10°C

Product name	15" Resistive Touch PC Flat
Article code / EAN number	FT15N2807W2G64GFLAT / 6920734015528
	FT15J1900W4G64GFLAT / 6920734015528

IP Rating
IP40

LCD Panel	
Screen diagonal (Inch/cm)	15/38.10
Display active screen size (cm)	30.40×22.80
Aspect ratio	4:3
Physical resolution	1024×768
External Maximum showable resolution - DP	1920×1200
Colours displayed	16.7M
Brightness (cd/m²)	300
Contrast	700:1
Typical reaction time Tr/ Tf (ms)	8/12
Visual Angle horizontal/vertical (°)	160/160
Backlight / Backlight Lifetime (hours)	LED / 30,000

Operation / Mechanical	
Operating Temperature (°C)	-10 ~ +60
Humidity Range (RH)	10% - 90%
Net weight (kg)	3.40
Gross weight (kg)	5.30 (incl. cartonage)
Housing material	Rubber Front Case, Aluminum IPC Back Case
Housing (cm) L × W × H	34.45 × 28.07 × 5.90
Mounting	VESA 100

Internal Connectors
1x SO-DIMM Slot, max. 4GB, DDR3L-1333 Single channel memory (J1900: max. 8GB)
1x 12V DC power connector (2-pin)
1x 4-pin SATA power connector; 2x S-ATA 3GB/s ports
1x VGA pin header; 1x SIM-card-Header (connected to MiniPCIe)
1x LVDS connector; 1x S/PDIF output pin header
1x 5-pin LCD power connector; 1x 8-bit Digital I/O interface
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
2x RS232 connectors (J1900: 3x RS232/RS485 COM, switchable in BIOS)
1x Chassis Fan connector

PC System	
CPU	Intel® Celeron™ DualCore N2807 / 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 2GB DDR3L SODimm (for N2807) / 1x 4GB DDR3L SODimm (for J1900)
Storage	faytech Industrial 64GB SSD
Network	2x Realtek PCIe GB LAN 8111G; W-LAN
Driver Support	Win7/8/10; Linux; 32Bit/64Bit
Preinstalled OS	Linux Ubuntu

Touch Panel	
Touch Technology	5-Wire Resistive
Touch Connector	USB
Touch Life (Contacts)	10 million in 1 location without failure
Surface Hardness	3H
Surface Treatment	Anti-glare

Power	
Power Indicator	Green LED
Power Supply	100-240V ACDC active switching; 12V DC-Out
Working Power (V)	12
Power Consumption (W)	28
Stand-By Consumption (W)	<1

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)
1x COM port 3-PIN - RX, TX, GND; RS232 (J1900: 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 Button-Line with On/Off + 4 GPIO-buttons on front panel
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 (J1900 only)

Included in the Delivery
Power Supply (see Power section)
Driver DVD
Short Installation Manual
Small Metal Stand
W-LAN Antenna
Stylus