

# 10" Resistive Touch PC



- 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)

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.

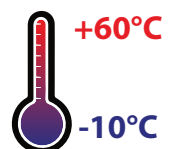
Using 5-wire resistive touch panels (4-wire for 7") and faytech's subpixel free A+ LCD panels, it is our cost-effective yet highly reliable solution for long term operation.

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.).



\* Stand FTV100SF in picture (optional)



|                           |                                 |
|---------------------------|---------------------------------|
| Product name              | 10" Resistive Touch PC          |
| Article code / EAN number | FT10N2807W2G64G / 6920734010516 |
|                           | FT10J1900W4G64G / 6920734010530 |

| IP Rating |  |
|-----------|--|
| IP40      |  |

| LCD Panel                                 |              |
|-------------------------------------------|--------------|
| Screen diagonal (Inch/cm)                 | 9.7/24.64    |
| Display active screen size (cm)           | 19.70×14.70  |
| Aspect ratio                              | 4:3          |
| Physical resolution                       | 1024×768     |
| External Maximum showable resolution - DP | 1920×1200    |
| Colours displayed                         | 16.7M        |
| Brightness (cd/m²)                        | 350          |
| Contrast                                  | 800:1        |
| Typical reaction time Tr/ Tf (ms)         | 10/15        |
| Visual Angle horizontal/vertical (°)      | 170/170      |
| Backlight / Backlight Lifetime (hours)    | LED / 20,000 |

| Operation / Mechanical     |                         |
|----------------------------|-------------------------|
| Operating Temperature (°C) | -10 ~ +60               |
| Humidity Range (RH)        | 10% - 90%               |
| Net weight (kg)            | 2.00                    |
| Gross weight (kg)          | 2.90 (incl. cartonnage) |
| Housing material           | Aluminum                |
| Housing (cm) L × W × H     | 25.80 × 20.50 × 5.30    |
| 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 MiniPCle)                 |  |
| 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                                                                  |

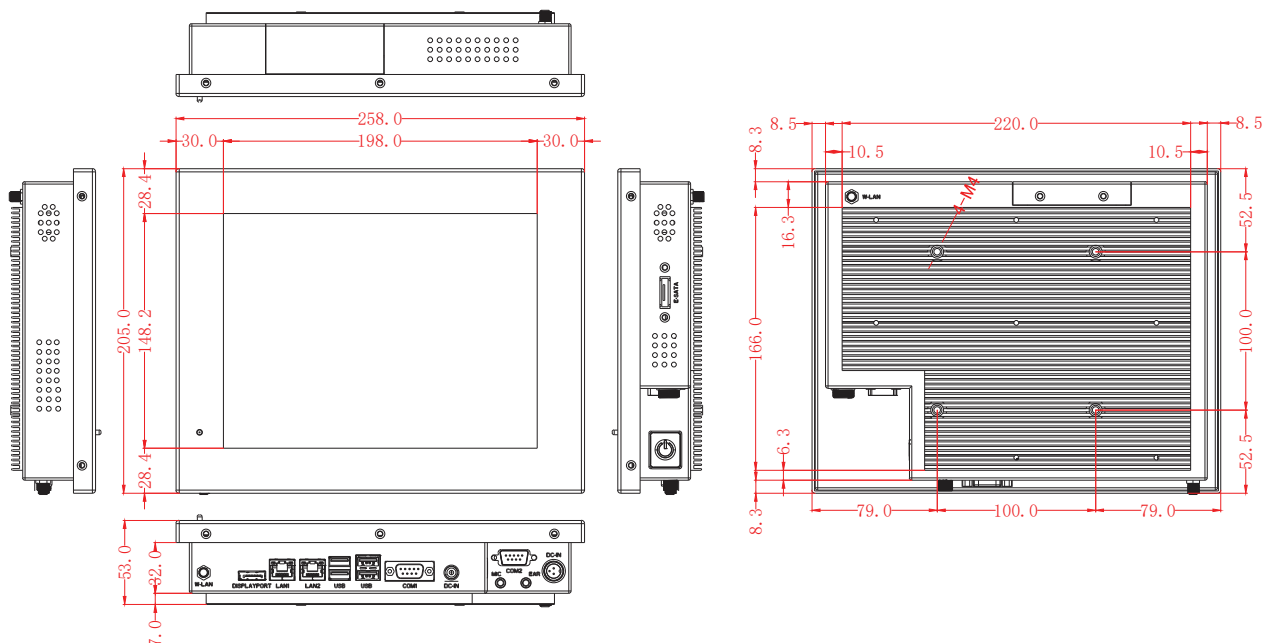
| Touch Panel           |                                          |
|-----------------------|------------------------------------------|
| Touch Technology      | 5-Wire Resistive                         |
| Touch Connector       | USB                                      |
| Touch Life (Contacts) | 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)    | 14                                         |
| Stand-By Consumption (W) | <1                                         |

| External Connectors                                               |  |
|-------------------------------------------------------------------|--|
| 1x 12V DC-In (screwable)                                          |  |
| 1x DisplayPort                                                    |  |
| 1x USB 3.0, 3x USB 2.0 ports                                      |  |
| 2x COM port Full-PIN - RS232; 5V/12V (J1900: RS232/RS485; 5V/12V) |  |
| 2x 10/100/1000Mbit RJ45 Ports                                     |  |
| 1x MIC-In & EAR-Out                                               |  |
| 2x W-LAN connectors                                               |  |

| 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        |  |
| 3-Pin Power Connector            |  |
| W-LAN Antenna                    |  |
| Stylus                           |  |



## Corporate Headquarters

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