**Item no.:** 365092

# 10.1? Industrial Tablet IP65 (N4200)

## from **1.097,35 EUR**

**Item no.:** 365092
**shipping weight:** 2.10 kg
**Manufacturer:** faytech

## 📄 Product Description

The Industrial Tablet (Ruggedised) from faytech is the perfect touch solution for use as a handheld device (or mounted PC) when performing tasks on the industrial floor or in harsh environments. It is fully waterproof and dustproof to IP65, features a 10-finger multi-touch capacitive panel and a Kastus 24/7 antimicrobial coating with a >99% kill rate against surface bacteria, common viruses and human coronaviruses (3-in-1 protection).

The rechargeable lithium battery will get you through your working day without any problems with an operating time of approx. 8-10 hours (depending on use). Due to the robust construction and the optically bonded display with high brightness, the tablet is particularly suitable for use in harsh environments and outdoors, but can of course also be used in a semi-outdoor or indoor environment such as a factory floor, hospital or office.

In addition to the mobile solution, the device can also be used as a permanently installed control panel via various fixation options. Windows 10 is pre-installed on the device, but no licence is included; this can be ordered separately.

IP protection class

- IP65

PC System

- Processor / CPU Intel® Pentium® QuadCore N4200
- Graphics GPU Intel® HD Graphics 505
- Audio chip Realtek ALC3236 Audio CODEC
- Memory 6GB RAM
- Hard disk 128GB eMMC
- Network 1x Realtek PCIe GB LAN 8111G; Wi-Fi 802.11ax (see Wi-Fi specifications)
- Bluetooth Bluetooth 5.2 (high speed data transfer)
- Microphone Integrated (behind protective glass)
- Pre-installed operating system (OS) Windows 10 IoT LTSC 2019 Entry (without licence, must be ordered separately)

LCD panel

- Screen diagonal (inch/cm) 10.1/25.65
- Active area display (cm) 21.70×13.60
- Aspect ratio 16:10
- Physical resolution 1920×1200
- Maximum displayable external resolution - micro HDMI 1920×1200
- Displayed colours 16.7M
- Brightness (cd/m2) - after including touch panel & optical bonding 1000
- Contrast 800:1
- Typical response time T r/Tf (ms) 25 / 25
- Viewing angle horizontal/vertical (°) 178 / 178
- Backlight / Backlight life (hours) LED / 50,000

Touch Panel

- Touch technology Projected capacitive 10-point multi-touch
- Touch connection USB
- Touch panel lifetime Unlimited
- Surface hardness 7H
- Surface treatment Anti-reflective (chemically etched)
- Glass hardening Chemically hardened
- Additional coating Kastus® 24/7 antimicrobial coating (3-in-1)® 24/7 antimicrobial coating (3-in-1)
- Touch firmware (Included) Works with fingers, gloves and in the rain
- Touch firmware (download from website) Works with capacitive touch pen

Operation / Mechanical

- Operating temperature (°C) 0 ~ +45
- Humidity range (RH) 10% - 90%
- Net weight (kg) 1.20
- Gross weight (kg) 1.70 (incl. cardboard box)
- Enclosure material Silicone rim, aluminium IPC back case
- Enclosure (mm) L × W × H 280.3 × 198.3 × 36.0
- Mounting bracket VESA 75
- 4x M3.5 screw thread

Power consumption

- LED light indicator Green / Red LED
- Built-in rechargeable battery Rechargeable Lithium Battery, 7.4V/7000mAh
- Power supply 100-240V ACDC active switching; 12V DC-Out
- Operating voltage (V) 12
- Power consumption / Active operating time (without stand-by mode) 25% brightness, idle mode (indoor / semi-outdoor): 6W / 8.6 hours minimum
- 50% brightness, 50% full usage (semi-outdoor): 10W / 5.2 hours minimum
- 100% brightness, 100% full usage (outdoor): 15.5W / 3.3 hours minimum
- Stand-by power consumption (W) <1

External connections

- 1x 12V DC-In (for charging)
- 1x micro HDMI 1.4 (class D)
- 1x USB 3.0
- 1x USB 2.0
- 1x Micro USB 2.0
- 1x Headphone jack - Ear out only (3.5mm)
- 1x 10/100/1000Mbit RJ45 connection
- 1x COM port DSUB9 (RS232)
- 1x slot for micro SD cards (TF - TransFlash)

Wi-Fi & Bluetooth Specifications (AX200)

- Product name Intel® Wi-Fi 6 AX200 Module
- Wi-Fi High-performance, low-power, dual-band Pre-Standard-802.11ax Dual Band 2×2
- Band channels 2.4GHz and 5GHz (2-160 MHz channels)
- Wi-Fi Alliance certifications 802.11a/b/g/n/ac/ax(Pre-Standard), WPA/2 Personal and enterprise, WPS2, PMF, WMM, WMM-PS, WFD, Miracast, Passpoint R2, Voice Personal
- Performance TX Burst, TCP packet reordering, MSIx for reduced multi-core CPU load upto MCS11
- Wi-Fi Bluetooth Coex MIMO TX/TX and Rx/Rx Concurrency
- Bluetooth Bluetooth 5.2

Fingerprint Scanner Specifications (MB-X4)

- Register & Unlock Target Device (Windows 10)
- Pixel / Resolution 88×88px / 508 DPI
- Storage capacity 100 unique prints (Multiple fingers and accounts)
- Unlock time <1s
- FRR / FAR <2% / <0.002%
- Communication interface / UART SPI / 57600
- Additional features Built-in "smart learning" algorithm that accelerates fingerprint matching over time
- Allows fingerprints to be matched 360° (degrees)

Barcode Scanner Specifications (N4680)

- Product name Honeywell N4680 Decoded 2D Scan Engine
- Sensor 640×480 CMOS, 60 frames per second
- Illumination Waveleng Warm white IED with CCT 3000K
- Aiming Wavelength 630nm Red LED
- Scan Angle Roll: 360°, Pitch: ±50°, Skew: ±50°
- Field of view Horizontal ±20°, Vertical ±15
- Movement tolerance 6 m/s
- Maximum image acquisition speed 120 frames per second
- Supported symbologies 1D, 2D barcodes, OCR, Insufficient print & on-screen barcodes
- Typical depth of field C39 | 36mm - 747mm (5-10-20 mils); 100% UPC-A | 46mm - 390mm (13 mils); C128 | 33mm - 598mm (5-10-20 mils); PDF417 | 42mm - 490mm (7-10-20 mils); QR-Code | 40mm - 367mm (7-20 mils); Data Matrix | 40mm - 182mm (10 mils)

Front camera

- Pixels: 2MP (200W)
- Pixel size: 1.75*1.75um
- Image resolution: 1600×1200
- Frame rate: 30 frames/sec
- Lens size: 1/5 inch
- Optical field of view: 60
- Glass surface (in front of lens): Polished glass
- Output formats: RAW RGB, RGB 565/555/444, CCIR656 YUV422/420, YCbCr422, and compression

Rear camera

- Pixels: 5MP (500W)
- Pixel size: 1.4*1.4um
- Image resolution: 2592×1944
- Frame rate: 15 frames/sec
- Lens size: 1/4 inch
- Optical field of view: 73

Included in delivery

- Power supply unit (see power consumption)
- Quick reference guide
- Plastic screen protector
- VESA 75 back panel (attached to the tablet)
- Standard battery (inside)

## Specifications