



Office / Building Automation Solutions & Possibilities

07.2025
faytech group



Introduction

faytech's wide expertise and project experience in **Office/Building Automation** allows for flexibility and countless customization possibilities.



5k+ standard embedded TPCs used in Building Automation globally



With ButterflyMX, faytech's hardware leads in visitor management for commercial buildings
(10k+ active installations in North America)

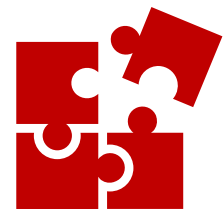


Custom office / building management solutions available in faytech's project portfolio

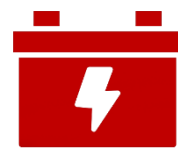
- faytech Intercom System
- Thermal Temperature TPC



Features #1



Features to facilitate the implementation of touchscreen solutions into **Office/Building Management** control panels



PoE & Battery

Power over ethernet, lithium battery packs, etc.



Thermopile Array

for temperature screening



Relay Interface

To open doors, lockboxes or manage other relays



Wiegand Interface

To connect a card swipe mechanism to the rest of an access control system



Recording & Communication

Camera, loudspeaker, microphone & array-microphone



Sensors

Temperature-, humidity-, light- & movement-sensors



Signalling & Indicating

LED Lights, indicators & warning signals in various formats



Artificial Intelligence

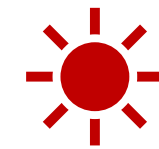
AI recognition / platform support with embedded modular mainboard

Features #2



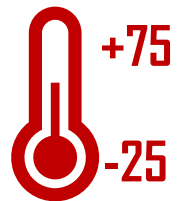
Wireless

Network, 4G, 5G, Wi-Fi, BT, NFC, etc.



High Brightness

1,000 to 2,500 cd/m² possibilities



Extended Temperature Range

-25 to +75°C available upon request



Mounting Options

In-wall, surface & flush-mounting options, fully customizable

Unique Display Technology / Size



**Transparent
OLED**



E-Ink

Color version
Q4, 2025



Custom cut

Any ratio available



IP-Rating

Up to IP69K+ class available with custom casing for outdoor use



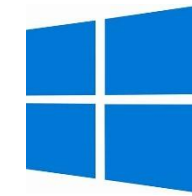
Software

- Stable BSP for Win / Linux / Android
- FOSS conform (upon request)
- Possibility to define APIs
 - E.g., BACnet stack

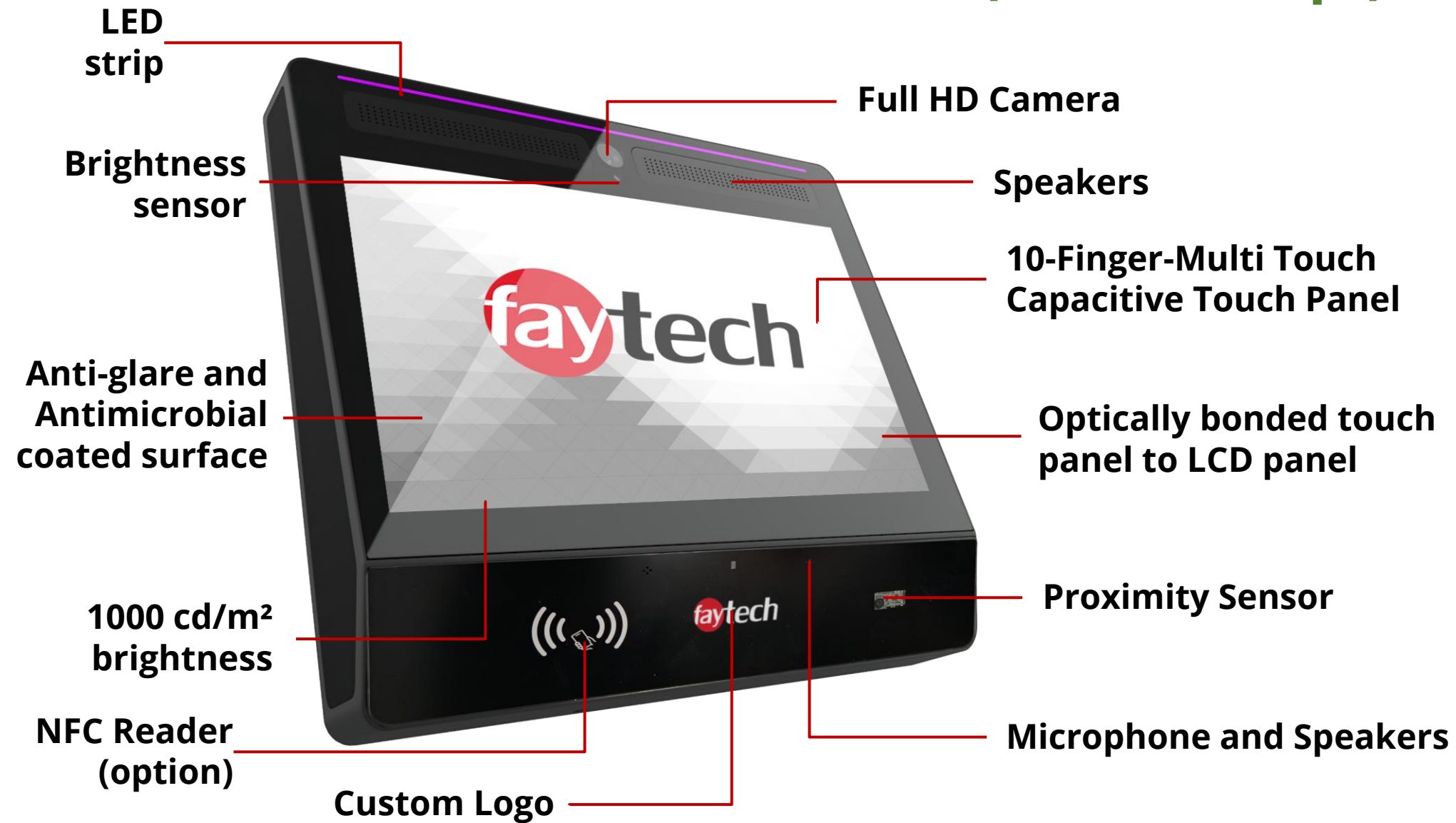
Standard Solution - faytech Intercom System

(11.6" landscape)

Win 10
Pre-installed



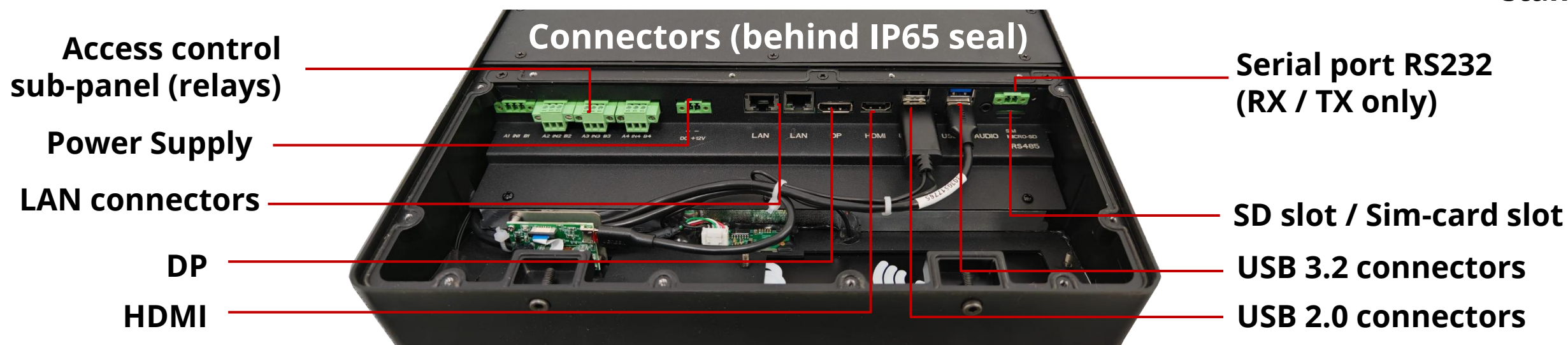
Also available
with Android (A311D)



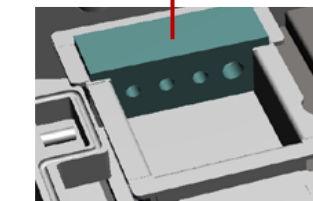
Features

- Intel Atom® x6413E (Elhart Lake)
- 8GB DDR4 RAM
- 120GB SSD
- 1920x1080 resolution
- 1000 cd/m² brightness (1500+ option)
- IP67 front and IP65 back

Includes VESA 200x150 and custom solution mounting!

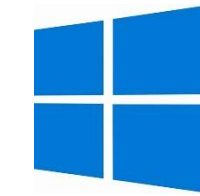


IP65 seal for standard cabling



Standard Solution – faytech Intercom System

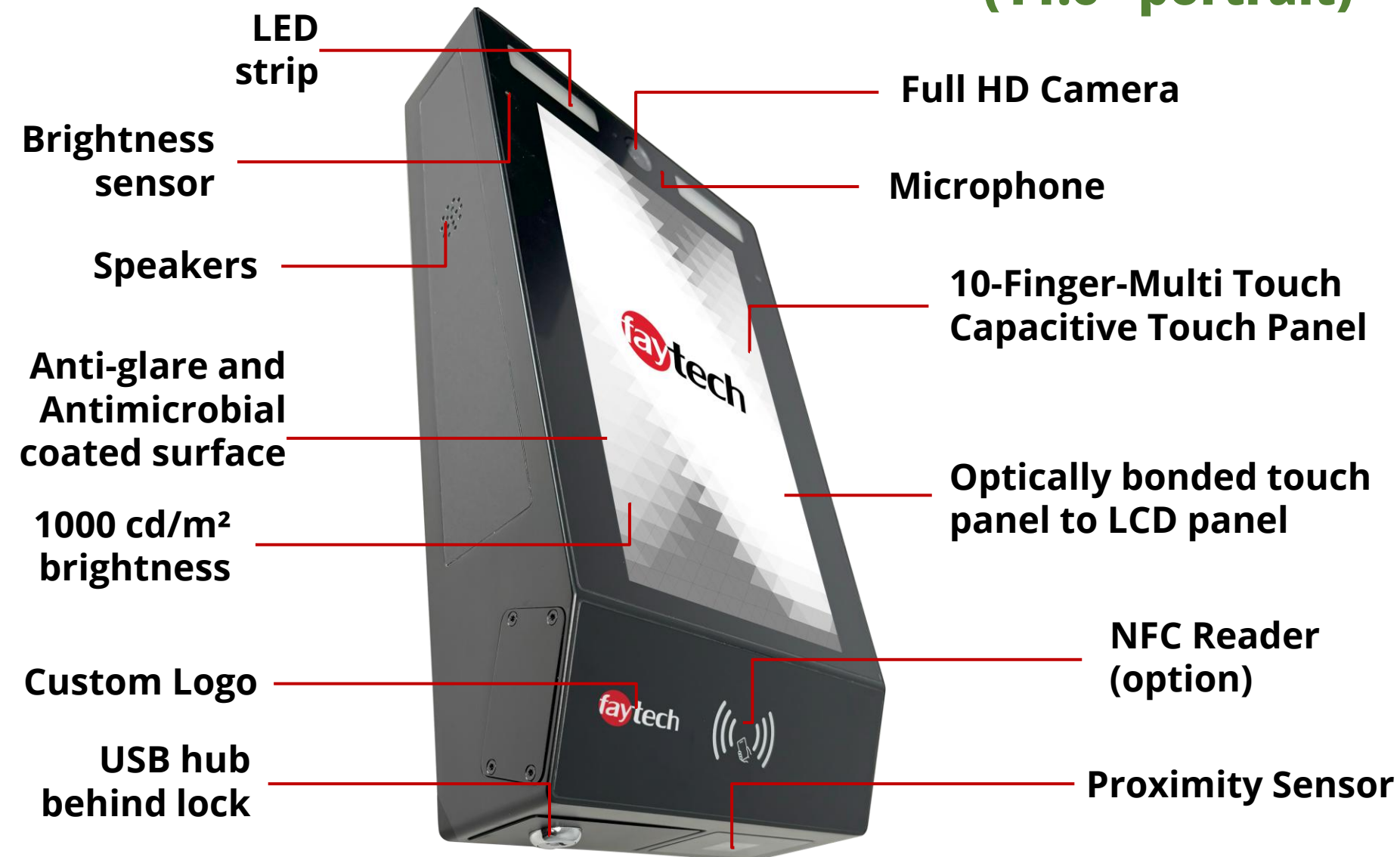
(11.6" portrait)



Win 10
Pre-installed



Also available
with Android (A311D)



Features

- Intel Atom® x6413E (Elhart Lake)
- 8GB DDR4 RAM
- 120GB SSD
- 1920x1080 resolution
- 1000 cd/m² brightness
- IP67 front and IP65 back

Includes Keyhole Mounts and VESA 75x100, as well as custom mounting options

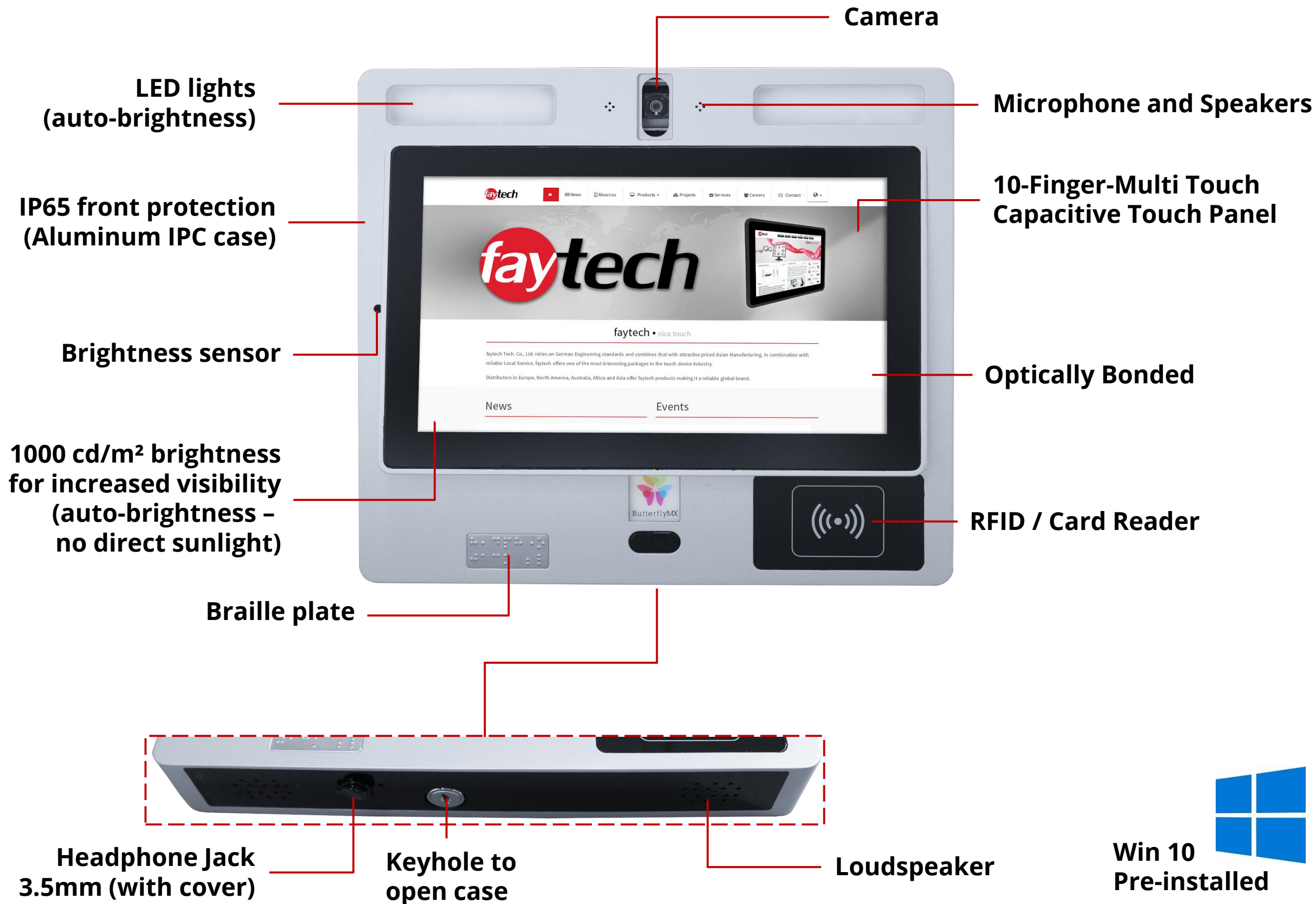


Fixation plate for mounting

Cable access Management



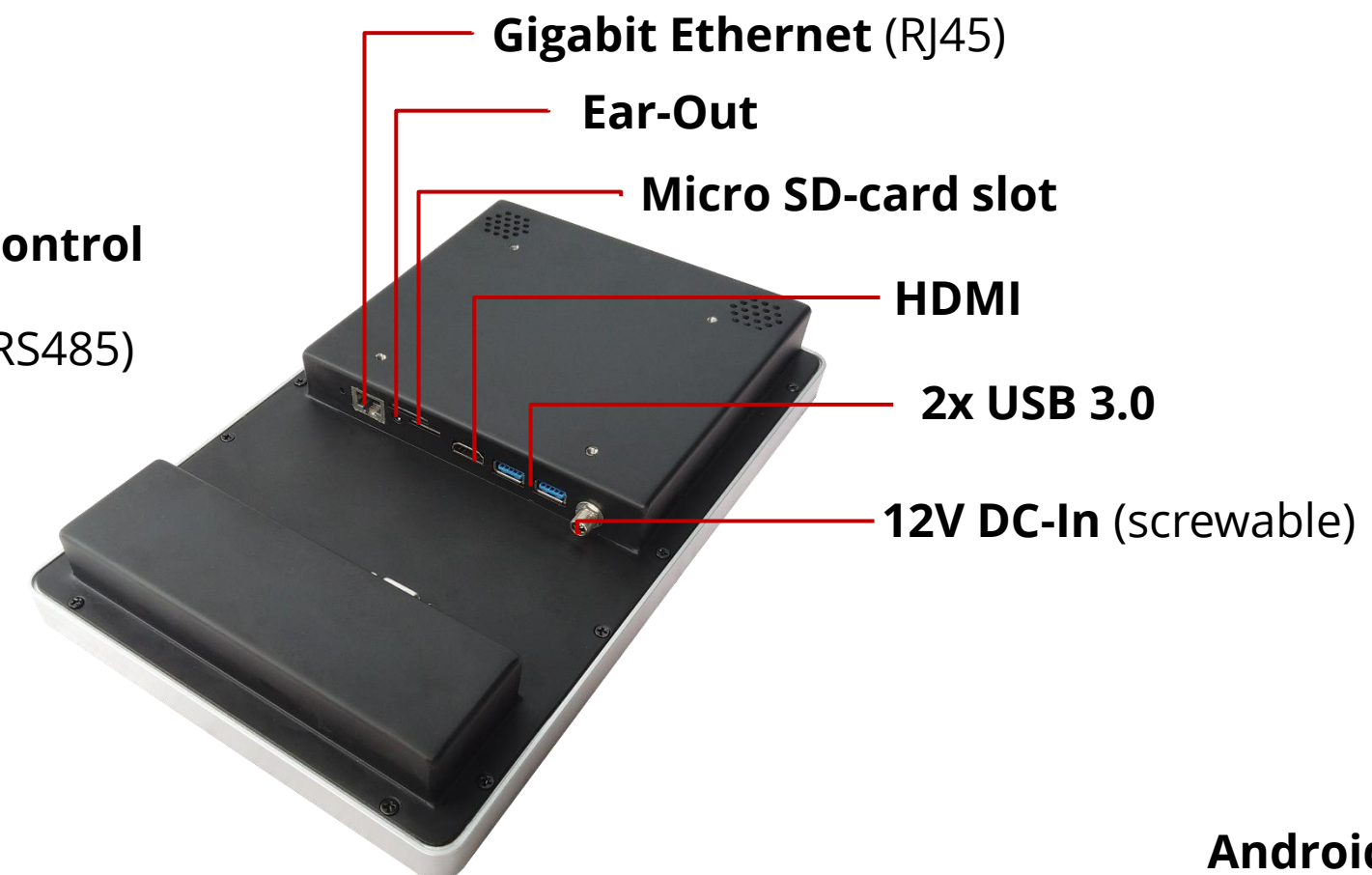
Project Examples - ButterflyMX



Mounting Versions



Project Examples - Thermopile TPC



Project Examples – BOSCH Bank Entrance Solution

Unique custom in-wall mounting solution





THANK YOU

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