



## Key features

- IP53 water / dust resistance front
- shock and vibration
- Operating temperature -10 / +45°C
- Display 1920x1080, 350 nits
- Option battery ~ 7h
- Option Wifi 802.11
- Touchscreen capacitive multi-touch
- Options 4G LTE, GPS
- Option barcode reader
- Option RFID + carte à puce

## KEY FEATURES

The ES173 is a slim panel PC with tablet PC features (battery, wifi options), semi-rugged with IP53 water and dust resistance, shock and vibration resistance. Featuring Intel core i5 5200U CPU with a full HD, bright anti-reflection display 1920x1080, 16:9 aspect ratio this panel PC is very well suited for environnements where compactness is required as well as battery options such as carts in warehouses, clean or agro-food industries or medical environment

- **connectivity**
  - Wireless Connexion with WiFi 802.11 ac/b/g/n integrated (option), security WEP, WPA, WPA2, LEAP,
  - option 3.5G HSUPA/CDMA or 4G LTE
- **Application Integration**
  - Windows 7 pro, 10 pro, 10 IoT entreprise
  - Compatible with thin client architectures (client server / RDP protocol / Citrix ICA)
- **Information Richness**
  - 1920x1080 resolution with wide viewing angle, 16:9 aspect ratio, 350 Nits
  - Audio and video capabilities
  - Handwriting recognition option: «myscript» from Vision-object
- **Ease of Use**
  - Capacitive multi-touch,

Hardware Specifications	Software Specifications
<p><b>Processor</b></p> <ul style="list-style-type: none"> <li>Intel Core i5 5200U - performance passmark 3500</li> </ul> <p><b>Display</b></p> <ul style="list-style-type: none"> <li>TFT LCD panel, 17,3" (resolution 1920x1080), 350 to 400 Nits</li> <li>Capacitive touchscreen, multi-touch</li> <li>Anti-reflection</li> </ul> <p><b>RAM</b> : DDR3 SODIMM 4GB or 8GB</p> <p><b>Mass storage</b> : M.2 SSD 64 / 128 / 256 / 512 GB,</p> <p><b>I/O and extensions</b></p> <ul style="list-style-type: none"> <li>1x RS232</li> <li>1x SD/MMC</li> <li>1x "4 pole audio jack" (heaset + mike)</li> <li>1x DC in</li> <li>1x USB 2.0 + 2x USB 3.0</li> <li>1x Ethernet 10/100/1000 RJ45</li> <li>option : 1x front and 1x rear Webcam 2Mpixels – rear 5 Mpixels option</li> <li>1x VGA, 1x mini display Port</li> <li>2 slots internal M.2 (combo WiFi 802.11 / BT + option)</li> </ul> <p><b>Audio</b></p> <ul style="list-style-type: none"> <li>microphone, 2x stereo speakers</li> </ul> <p><b>Network</b></p> <ul style="list-style-type: none"> <li>Option : WiFi IEEE 802.11 ac/b/g/n</li> <li>Ethernet 10/100/1000 with RJ45 plug</li> <li>Option : Bluetooth V4.0/V3.0+HS</li> <li>Option : 3.5G / 4G M.2 Option (Sim internal)</li> </ul> <p><b>User Interface</b></p> <ul style="list-style-type: none"> <li>Stylus, finger</li> <li>LED indicators : storage, wifi, battery, on/off</li> </ul>	<p><b>Operating System Choice :</b></p> <ul style="list-style-type: none"> <li>Windows 7 or 10 professional 64 bits, 10 IoT</li> <li>Linux</li> </ul> <p><b>Utilities</b></p> <ul style="list-style-type: none"> <li>Configuration &amp; calibration,</li> <li>Virtual keyboard Screen Rotation</li> </ul> <p><b>Security</b> WEP, WPA, WPA2, EAP, LEAP, PEAP TPM 1.2, Infineon crypto engine (option)</p> <p style="text-align: center;"><b>Certifications</b></p> <p><b>Regulatory</b> : CE, FCC class B , UL</p> <p><b>Resistance</b> Shock / Vibration,</p> <p><b>Water / Dust resistance</b> IP53 front side</p> <p><b>Temperature and humidity:</b></p> <ul style="list-style-type: none"> <li>operating: -10°C to +45°C, 10% to 90% humidity non condensing</li> <li>storage: -20°C to +60°C, 10% to 90% humidity non condensing</li> </ul>
Power, Weight, Dimension	Accessories / Options
<p><b>Li-ion battery option</b></p> <ul style="list-style-type: none"> <li>Battery 6 cells, 3200 mAh 10,8V, up to 7hours</li> </ul> <p><b>Power supply</b> : AC in 90V~240V, 50/60Hz, DC out 19V - 3,4 A</p> <p><b>Weight</b> : 2,2 kg with battery</p> <p><b>Dimensions</b> 443.6 x 274.8 x 35.8 mm</p>	<ul style="list-style-type: none"> <li>RAM size, storage size</li> <li>3.5G or 4G option</li> </ul> <p><b>Recommandation</b></p> <ul style="list-style-type: none"> <li>External GPS, more precise than internal GPS</li> <li>External wireless barcode reader, easier to use than internal barcode reader option</li> </ul>