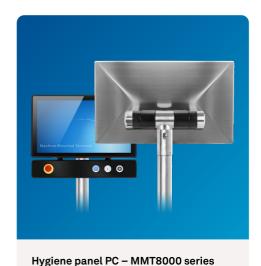# Hygiene panel PC – MMT8000 series

## Made entirely of glossy stainless steel

Tried and tested thousands of times over many years: we say "Hygiene Comfort Design", our customers simply call it "the clean machine!" The fanless industrial PC in this performance class is designed to meet the strictest hygiene requirements of the food, beverage, pharmaceutical and chemical industries. In accordance with EHEDG regulations, DIN EN ISO 14159:2008 certification that meets the clean room suitability standards of the Fraunhofer Institute IPA.

**Hygiene panel PC – MMT8000 series**

### Strong performance

> Latest Intel® Celeron® 2980U 1.6GHz or Intel® Core™ i5 4300U 1.9GHz processors

> Memory with up to 8 GB DDR3

> Up to SSD 500 GB or mSATA SSD 128 GB mass storage

### Design meets hygiene

> Outstanding design without screws on the outside of the housing

> Passive cooling through heat pipe technology

> Up to protection class IP69K (dust-tight, protection against the ingress of water), alkali and acid-resistant when using commercially available cleaning supplies

> Anti-reflective tempered glass front screen with anti-shatter film

### Big-LinX® IIoT-Client

> VPN tunnel secured via smartcard (optional software certificate also available)

> Includes X-Remote for secure remote desktop connection

> Configurable and secure data push for provision and visualisation of remote maintenance or other big data applications

> Keep software, firmware and BIOS always up-to-date on your devices

# Technical data

**Industrial IT**

| | | MMD8017 | MMD8024 |
|---|---|---|---|
| **Display** | Resolution | 17.3" LED backlight<br>1920x1080 pixels | 23.8" LED backlight<br>1920x1080 pixels |
| **Touch** | | PCAP multi-touch, tempered glass; Optional: anti-shatter film | |
| **Housing** | | All-round closed stainless steel housing | |
| **Cooling** | | Passive, fanless | |
| **Processor** | | Intel® Celeron® 2980U 1.6GHz<br>Intel® Core™ i5 4300U 1.9GHz | |
| **RAM** | | Up to 8GB DDR3 | |
| **Mass storage** | | SSD up to 500GB<br>mSATA SSD up to 128GB | |
| **Network** | | 2 x 1 GBit/s Ethernet RJ45 | |
| **Interfaces** | | 1 x USB 2.0<br>2 x USB 3.0 (1 x optional von außen zugänglich) | |
| **Radio (optional)** | | WLAN module IEEE 802.11 ac/a/b/g/n (integrated)<br>Bluetooth V4.2, V4.0 LE, V3.0+HS, V2.1+EDR | |
| **Power supply** | | 24 V DC +/- 25 % (18 – 30 VDC) | |
| **Operating system** | | Windows® 10 IoT Enterprise<br>IGEL OS 11 for cloud workspaces<br>Ubuntu Linux | |
| **Protection class** | | IP65, optionally IP69K<br>(Not verified by UL, tested by ads-tec Industrial IT GmbH) | |
| **Vibration** | | DIN EN 60068-2-6 | |
| **Shock** | | DIN EN 60068-2-27 | |
| **Humidity** | | 10 bis 85 % nicht kondensierend | |
| **Operating temperatur** | | 0 °C to + 50 °C | 0 °C to + 45 °C |
| **Storage temperature** | | -20°C to +70°C | -20°C to +60°C |
| **Dimensions (W x H x D)<br>(without keyboard)** | | 431 x 261 x 68 mm | 578 x 347 x 67 mm |
| **Weight<br>(without keyboard)** | | approx. 5 kg | approx. 7.5 kg |

DZ-HAND-93318-1/A MMT8000 series Datasheet E 07-2023