

INDUSTRIAL COMPUTING



DIGITAL SIGNAGE



SERVER-BASED COMPUTING



EMBEDDED

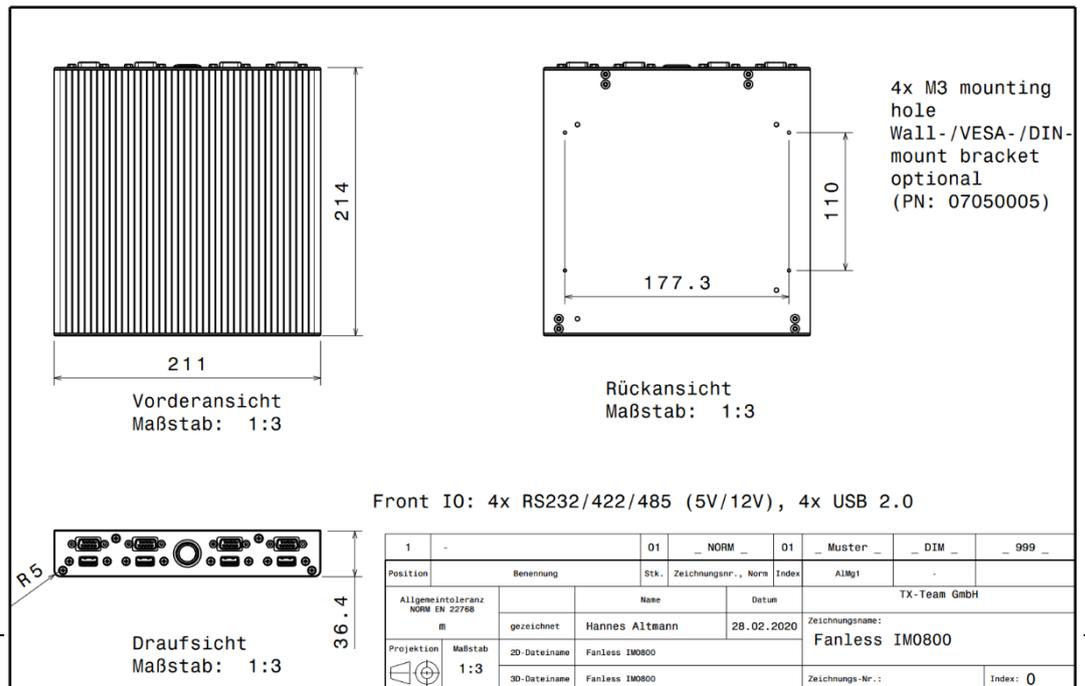


# Fanless IM0830



- Intel Atom x7425E or Core i3-N305
- 2x 2.5G LAN
- Up to 4x RS232 (422/485)
- 8..24V DC-In

Fanless IM0830 is a low-power Slimline Box IPC of the latest generation.



INDUSTRIAL BOX PC

FANLESS IM0830

PN: 09040017

Issued: 02/26

Status: released

## Factsheet

### Physical properties

|                   |   |
|-------------------|---|
| Chassis           | Full-metal aluminium construction, black anodized |
| Dimensions        | 214x211x36,4 mm (WxDxH)                           |
| Cooling           | Passive   |
| Mounting options* | Mounting threads, DIN-rail, VESA, 19"             |
| Weight            | 1,5 kg  |

### Hardware

|            |   |
|------------|---|
| Formfactor | Thin Mini-ITX   |
| CPU        | Intel x7425E, 4x 3.4 GHz<br>Intel I3-N305, 8x 3.8 GHz |
| RAM        | 8, 16 GB DDR5   |
| Storage    | 1x 250GB – 512GB m.2 SATA SSD                         |
| Graphics   | Intel HD, 1x HDMI + 1x DP: 4k@60Hz                    |

### Communication

|        |                              |
|--------|------------------------------|
| WLAN*  | 802.11 b/g/n/ac + Bluetooth* |
| LTE*   | 4G/5G*                       |
| Others | Upon request                 |

### I/O

|                |  |
|----------------|--|
| I/O front      | 2x USB 2.0, 1x RS232, 1x RS232/422/485<br>Additional, optional I/O:<br>2x USB 2.0, 2x RS232                          |
| I/O back       | 1x USB 3.2 gen2, 3x USB 3.2 gen2, 2x RJ45 2.5GLAN, 1x HDMI, 1x DP, 2x Audio, 1x 8..24V DC-In (5.5x2.5mm barrel plug) |
| I/O internal** | 1x m.2 3042, 3052, 2280 (SATA+USB), 1x m.2 2280 (SATA+USB), 1x m.2 2230, 4x USB 2.0, 1x RS232/422/485, 3x RS232      |

### Power supply

|             |                            |
|-------------|----------------------------|
| PSU         | 60W external adapter       |
| Power input | 8..24V DC-In               |
| Redundancy  | -                          |
| Power draw  | Idle: ~5W, full-load: ~15W |

### Compatibility

|        |                   |
|--------|-------------------|
| OS     | Windows 11, Linux |
| Others | -                 |

### Environment

|                                  |                                    |
|----------------------------------|------------------------------------|
| Operating temp. range / Humidity | 0..50°C / 10...95%, non-condensing |
| Protection class                 | IP50                               |

### Compliance

|            |                 |
|------------|-----------------|
| Conformity | CE, RoHS, REACH |
|------------|-----------------|

### General

|                        |  |
|------------------------|--|
| Scope of delivery      | IPC, documentation, PSU, certificate of conformity |
| Language               | EN, DE   |
| Long-term-availability | Until 2030   |
| Warranty               | 3 years, 4/5 years*                                |
| Country of Origin      | Germany  |
| Tariff code            | 84715000   |