

# Z7 Edge AI1623

Industrial Edge AI computer

CATALOGUE PART NUMBER

**Z7-AI-9EA1982**

CONDITION / SUPPLY

**New / Built to order**

## Configuration

|                            |                              |
|----------------------------|------------------------------|
| Processor                  | Intel® Core™ i5-14500T 14/20 |
| Installed RAM              | 16 GB                        |
| Maximum RAM                | 32 GB                        |
| Storage type               | SSD                          |
| Installed storage capacity | 256 GB                       |
| RAID 1                     | No                           |
| AI accelerator option      | Optional                     |
| Expansion slots            | M.2 / MiniPCle / SIM slot    |
| Operating system options   | Win10 Win11 Ubuntu           |
| Windows 11 compatibility   | Yes                          |
| Fanless                    | No                           |
| Additional features        | RS422 RS485 optional         |

## Display and graphics

|                    |                   |
|--------------------|-------------------|
| Display outputs    | 2                 |
| Display interfaces | VGA / Displayport |

## Z7 Edge AI1623

Z7-AI-9EA1982 | Interfaces and mechanical specifications

### Interfaces and connectivity

|                            |          |
|----------------------------|----------|
| Ethernet ports             | 3        |
| Gigabit Ethernet ports     | 2        |
| 2.5 Gigabit Ethernet ports | 1        |
| Wi-Fi                      | Optional |
| Serial ports               | 2        |
| RS-232 capable ports       | 2        |
| RS-422 capable ports       | 1        |
| RS-485 capable ports       | 1        |
| USB 2.0                    | 2        |
| USB 3.2 Gen 1 (USB 3.0)    | 2        |
| USB 3.2 Gen 2 Type-A       | 4        |
| Digital I/O                | 8        |

### Power, environment and enclosure

|                         |                                  |
|-------------------------|----------------------------------|
| Input voltage           | 12V-24VDC                        |
| Power supply            | None                             |
| Power connector         | Terminal Block                   |
| Operating temperature   | -20°C - 50°C                     |
| IP protection           | None                             |
| Mounting                | Wall mount / DIN rail (optional) |
| Width                   | 210 mm                           |
| Depth                   | 95 mm                            |
| Height                  | 164 mm                           |
| Platform certifications | FCC                              |

This sheet describes the listed Z7 configuration. Confirm the operating system, licence and optional modules when ordering. Platform certifications refer to the base hardware. Final components and included accessories are confirmed with your quotation.