



ZEECORE



Overview

ZeeCore transforms existing devices and embedded systems into IoT (Internet of Things) -devices. Combined with ZeeCloud-services it enables remote management, monitoring and visualizing data on tablets, cell phones and computers.

Features and benefits

- Driver architecture enables to communicate with devices of brand, model or interface.
- Adapts and evolves with new techniques and devices.
- Utilizes neural network artificial intelligence.
- Cloud services located in Finland.
- High level of security and data protection.

Ethernet Interfaces

| | |
|-----------------|------------------|
| Number of Ports | 3 |
| Speed | 10/100/1000 Mbps |
| Connector | 8-pin RJ45 |

Serial Interface

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|----------|--------|
| Baudrate | 115200 |
|----------|--------|

Used for service and diagnostics.

Software

| | |
|------------------------------|---|
| Supported scripting language | Lua 5.1 |
| Concurrent running programs | Up to 500 concurrent active programs. *Depending on drivers and active services. |
| Network protocols | IP, TCP, UDP, DHCP, HTTP, HTTPS, DNS, SMTP, MQTT |
| Connection options | Web console (HTTP / HTTPS), Recovery console (Serial) |
| Cloud web console access | Yes, Optional |

Environmental Limits

| | |
|---------------------------|-------------|
| Operating Temperature | 0 to 50°C |
| Storage Temperature | -40 to 85°C |
| Ambient relative humidity | 20 - 90% |

Physical Characteristics

| | |
|--|------------------------------------|
| Dimensions (without rack mountings) | 425*182*44mm (Length*Depth*Height) |
| Form factor | Rack-mountable |
| Weight | 4200g |

Power Requirements

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|---------------|-------------|
| Input Voltage | 100-240 VAC |
|---------------|-------------|

Standards and Certifications

| | |
|-----|----|
| EMC | CE |
|-----|----|

Reliability

| | |
|--------------------------------------|------------------------------|
| MTBF (mean time between failures) | Z4R-x: Calculated 300kh min. |
|--------------------------------------|------------------------------|

Warranty

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|-----------------|---------|
| Warranty period | 5 years |
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