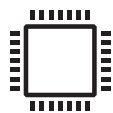# ZEE600C
## Substation Automation Unit

**Supervision and Gateway Powered by ABB ZEE600**

The ABB ZEE600C combines the advantages of ZEE600 into a customized, substation grade computer for maximum reliability.
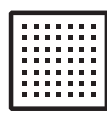
With special software licensing packages that address a wide range of applications, the ZEE600C supports small to mid-sized electrification automation installations that need a predefined set of SCADA functionality, communication and automation capabilities.

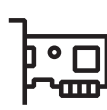| IEC 61850-3 | Cyber Secure | TPM 2.0 | System Hardened | Firewall | DSAC Certified | User Management |
|---|---|---|---|---|---|---|

| Ready To Use | Connectivity | PRP & HSR Redundancy | Redundant Power Supply | System Redundancy | IEC 61131 Logic Engine | Historian and Archive |
|---|---|---|---|---|---|---|

**Scan me**

# ZEE600C
## Product features

### Technical Data

| | |
|---|---|
| **CPU** | i5-6300U 2.4 Ghz |
| **RAM** | 16 GB |
| **Storage** | 1 × 256GB SSD MLC (1TB Optional) |
| **LAN** | 8 × 10/100/1000 Base-T RJ45 ports |
| **Serial** | 2 × RS-232 (DB9 connectors, Standard) 8 × RS-232/422/485 (Terminal Block) 2.500 V isolation |
| **USB** | 3 × 2.0 ports |
| **Video** | 1 × DVI-D, 1 × DVI-I |
| **System** | Fanless Design |
| **TPM** | 2.0 |
| **OS** | Win 10 2019 Long-Term Servicing Channel |

### Power Supply Module

| | |
|---|---|
| **Voltage** | 100 … 240 VAC, 100 … 240 VDC |
| **Redundancy** | Optional |
| **Consumption** | 25 W (typical) |

### Accessories

| | |
|---|---|
| **Slot 1** | HSR/PRP Gigabit card with SFPs ports |
| **SFPs modules** | 10/100/1000 Base-TX, RJ45 1000 Base-LX, Single Mode, LC Fiber 1000 Base-SX, Multi Mode, LC Fiber |
| **Warranty** | Extension to five (5) years |

### Dimensions

| | |
|---|---|
| **Mounting** | 2U Rackmount |
| **Dimensions (WxDxH)** | 440 × 280 × 88 mm |
| **Weight** | 6.0 kg |

### Environment

| | |
|---|---|
| **Operating temperature** | −25 … 70°C (-13 ~ 158°F) |

### Connectivity

| | |
|---|---|
| **Client/Master** | IEC 61850-8-1, Modbus Energy TCP/serial, IEC 60870-5-104/101, IEC 60870-5-103, DNP3 TCP/serial, IEC 61400-25, IEC 62056-21 |
| **Server/Slave** | IEC 60870-5-101/104, DNP3 TCP / serial, Modbus TCP, OPC-UA |
| **Logic PLC drivers** | IEC 61850-8-1 client, IEC 60870-5-101/104 client, Ethernet IP client, IEC 60870-5-101/104 server, IEC 61850-8-1 server & Goose |

### Cyber Security

**Trusted Platform Module chipset with ABB Security Certificates**

**OS Secure Boot**

**Ports hardening & Firewall**

**Policies & User Management**

**Certified by ABB Device Security Assurance Center**

### Certification

**IEC 61850-3: stands for the highest reliability, which are made to withstand vibration, electrical surges, fast transients, and extreme temperatures.**

**ABB life cycle policy to guarantee product lifetime reliability**

**IEC 62443-4-1: Cyber Secure Product Development certified R&D process**

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