# Zyxel SCR50AXE-EU0101F wireless router Gigabit Ethernet Tri-band (2.4 GHz / 5 GHz / 6 GHz) White

**Brand :** Zyxel

**Product code:** SCR50AXE-EU0101F

**Product name :** SCR50AXE-EU0101F

2.4/5/6 GHz, 1 x WAN, 4 x LAN, IEEE 802.11ax/ac/n/a, 12V DC, 2.0 A, 21W, 178.0 X 54.6 (stand 68.2) X 242.2 mm, 651g
Zyxel SCR50AXE-EU0101F. WAN connection type: RJ-45. Wi-Fi band: Tri-band (2.4 GHz / 5 GHz / 6 GHz), Top Wi-Fi standard: Wi-Fi 6 (802.11ax), WLAN data transfer rate (max): 890 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet, Ethernet LAN data rates: 10,100,1000 Mbit/s, Cabling technology: 10/100/1000Base-T(X). Security algorithms: IPSec. Product type: Tabletop router, Product colour: White, LED indicators: Status

## WAN connection

| | |
|---|---|
| Ethernet WAN * | ✔ |
| WAN connection type | RJ-45 |

## Wireless LAN features

| | |
|---|---|
| Wi-Fi band * | Tri-band (2.4 GHz / 5 GHz / 6 GHz) |
| Top Wi-Fi standard * | Wi-Fi 6 (802.11ax) |
| WLAN data transfer rate (max) * | 890 Mbit/s |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) |
| WLAN data transfer rate (first band) | 574 Mbit/s |
| WLAN data transfer rate (second band) | 1201 Mbit/s |
| Modulation | 1024-QAM |

## Network

| | |
|---|---|
| Ethernet LAN * | ✔ |
| Ethernet LAN interface type * | Gigabit Ethernet |
| Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Cabling technology | 10/100/1000Base-T(X) |
| Networking standards | IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n |
| Dynamic DNS (DDNS) | ✔ |
| Static route | ✔ |

## Mobile network

| | |
|---|---|
| 3G | ✘ |
| 4G | ✘ |
| 5G | ✘ |

## Ports & interfaces

| | |
|---|---|
| Ethernet LAN (RJ-45) ports * | 5 |
| USB port * | ✘ |
| DC-in jack | ✔ |

## Design

| | |
|---|---|
| Product colour | White |
| Wall mountable | ✔ |
| Indication light | ✔ |
| LED indicators | Status |
| On/off switch | ✔ |
| Product type * | Tabletop router |

## Certificates

| | |
|---|---|
| Certification | CE; FCC;BSMI |

## Packaging content

| | |
|---|---|
| Cables included | LAN (RJ-45) |
| AC adapter included | ✔ |

## Antenna

| | |
|---|---|
| Antenna design * | Internal |
| Antennas quantity | 4 |

## Features

| | |
|---|---|
| Built-in processor | ✔ |
| Processor frequency | 1000 MHz |
| Processor cores | 2 |
| Internal memory | 1000 MB |
| Flash memory | 256 MB |
| Languages support | Multi |
| Firmware upgradeable | ✔ |

## Power

| | |
|---|---|
| Power source type * | DC |
| Output voltage | 12 V |
| Output current | 2 A |
| Power consumption (typical) | 21 W |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 0 - 40 °C |
| Storage temperature (T-T) | -30 - 70 °C |

| Management features | | Operational conditions | |
|---|---|---|---|
| Web-based management | ✔ | Operating relative humidity (H-H) | 10 - 90% |
| Reset button | ✔ | Storage relative humidity (H-H) | 10 - 95% |

| Security | | Weight & dimensions | |
|---|---|---|---|
| Security algorithms | IPSec | Width | 178 mm |
| Firewall | ✔ | Depth | 54.6 mm |
| Guest access | ✔ | Height | 242.2 mm |
| Filtering | ✔ | Weight | 651 g |
| MAC address filtering | ✔ | | |

| | | Packaging data | |
|---|---|---|---|
| IP address filtering | ✔ | Package width | 238 mm |
| Network address translation (NAT) | ✔ | Package depth | 281 mm |

| Protocols | | | |
|---|---|---|---|
| | | Package height | 151 mm |
| DHCP client | ✔ | Package weight | 1.72 kg |
| DHCP server | ✔ | Number of products included | 1 pc(s) |

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