

Huawei eKitEngine S380 Series Multi-Service Gateway



Powerful

50% larger connection capacity



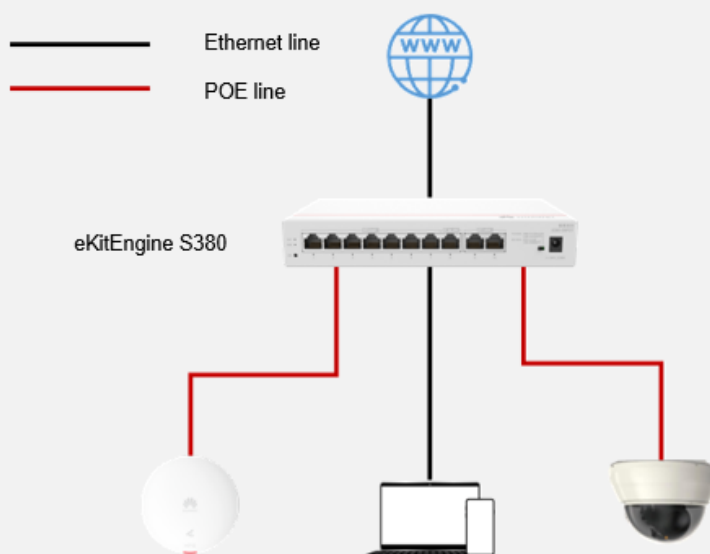
Fast

2x faster forwarding



Stable

PoE on all ports, compatible
with 100+ types of non-standard terminals



Huawei eKitEngine S380 series Multi-Service Gateway include various models, such as those with 4 downlink GE electrical ports, 8 downlink GE electrical ports (PoE/non-PoE ports), or GE uplink ports. With features like easy installation and deployment, as well as flexible Ethernet networking, the products can be widely used for indoor coverage in SME markets such as SOHO enterprise office, economic hotels, factories, primary and secondary education, and building security.

Product Specifications

| Item | eKitEngine S380-L4T1T | eKitEngine S380-L4P1T |
|---|--|---|
| Maximum user | 150 | 150 |
| Switching capacity | 8 Gbit/s | 8 Gbit/s |
| Packet forwarding rate | Upload: 300 Kpps, download: 420 Kpps | Upload: 300 Kpps, download: 420 Kpps |
| Egress bandwidth | 1 Gbit/s | 1 Gbit/s |
| Fixed WAN port | 1 x 10/100/1000BASE-T port | 1 x 10/100/1000BASE-T port |
| Fixed LAN port | 4 x 10/100/1000BASE-T ports | 4 x 10/100/1000BASE-T ports |
| MAC address entry | 2K | 2K |
| Chassis dimensions (H x W x D) | 35 mm x 210 mm x 130 mm | 35 mm x 210 mm x 130 mm |
| Chassis height | 1 U | 1 U |
| Weight in full configuration (including packaging materials) | 0.7 kg | 0.7 kg |
| Power module type | Power adapter | Power adapter |
| Rated input voltage | AC input: 100 V AC to 240 V AC, 50/60 Hz | AC input: 100 V AC to 240 V AC, 50/60 Hz |
| Input voltage range | AC input: 90 V AC to 264 V AC, 45 Hz to 65 Hz | AC input: 90 V AC to 290 V AC, 47 Hz to 63 Hz |
| Maximum power consumption | 6.11 W | <ul style="list-style-type: none"> Without PoE: 11.65 W With PoE: 61.65 W (PoE: 50 W) |
| Long-term operating temperature | 0°C to 40°C (0 m to 1800 m) | 0°C to 40°C (0 m to 1800 m) |
| Storage temperature | -40°C to +70°C | -40°C to +70°C |
| Relative humidity | 5% to 95% (non-condensing) | 5% to 95% (non-condensing) |
| Heat dissipation mode | Natural heat dissipation | Natural heat dissipation |

| Item | eKitEngine S380-S8T2T | eKitEngine S380-S8P2T | eKitEngine S380-H8T3ST |
|------------------------|---|---|---|
| Maximum user | 300 | 250 | 500 |
| Switching capacity | 16 Gbit/s | 16 Gbit/s | 16 Gbit/s |
| Packet forwarding rate | Upload: 500 Kpps, download: 420 Kpps | Upload: 500 Kpps, download: 420 Kpps | Upload: 500 Kpps, download: 420 Kpps |
| Egress bandwidth | 2 Gbit/s | 2 Gbit/s | 2 Gbit/s |
| Fixed WAN port | 2 x 10/100/1000BASE-T ports | 2 x 10/100/1000BASE-T ports | 2 x 10/100/1000BASE-T ports, 1 x GE SFP port |
| Fixed LAN port | 8 x 10/100/1000BASE-T ports | 8 x 10/100/1000BASE-T ports | 8 x 10/100/1000BASE-T ports |
| MAC address entry | 2K | 2K | 2K |

| Item | eKitEngine S380-S8T2T | eKitEngine S380-S8P2T | eKitEngine S380-H8T3ST |
|--|---|---|---|
| Chassis dimensions (H x W x D) | 43.6 mm x 442 mm x 160 mm | 35 mm x 210 mm x 130 mm | 43.6 mm x 442 mm x 160 mm |
| Chassis height | 1 U | 1 U | 1 U |
| Weight in full configuration (including packaging materials) | 1.6 kg | 0.7 kg | 1.6 kg |
| Power module type | Power adapter | Power adapter | Power adapter |
| Rated input voltage | AC input: 100 V AC to 240 V AC, 50/60 Hz | AC input: 100 V AC to 240 V AC, 50/60 Hz | AC input: 100 V AC to 240 V AC, 50/60 Hz |
| Input voltage range | AC input: 90 V AC to 264 V AC, 45 Hz to 65 Hz | AC input: 90 V AC to 290 V AC, 47 Hz to 63 Hz | AC input: 90 V AC to 264 V AC, 45 Hz to 65 Hz |
| Maximum power consumption | 10.55 W | <ul style="list-style-type: none"> Without PoE: 21.8 W With PoE: 145.8 W (PoE: 124 W) | 11.5 W |
| Long-term operating temperature | 0°C to 40°C (0 m to 1800 m) | 0°C to 40°C (0 m to 1800 m) | 0°C to 40°C (0 m to 1800 m) |
| Storage temperature | -40°C to +70°C | -40°C to +70°C | -40°C to +70°C |
| Relative humidity | 5% to 95% (non-condensing) | 5% to 95% (non-condensing) | 5% to 95% (non-condensing) |
| Heat dissipation mode | Natural heat dissipation | Natural heat dissipation | Natural heat dissipation |

Service Features

| Feature | Description |
|----------------------|--|
| Interface basics | VLAN Jumbo frame Port Up/Down detection Port auto-negotiation VLANIF interface |
| Ethernet basics | 16 VLANs Port types: access, trunk, and hybrid Port-based VLAN assignment Automatic MAC address learning Automatic MAC address aging and static MAC address entries MAC Filtering |
| IPv4 unicast routing | Static routing |
| WAN optimization | Load balancing: terminal IP address-based and connection-based |
| User access | DHCP server/client, DNS client, PPPoE client, ACL, and NAT |
| Device management | Web system APP SSH |

