



Hewlett Packard HPE Support Center Enterprise

HPE OfficeConnect 1920S Switch Series - Specifications

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System specifications

| | Description | | | | | | |
|----------------------|---|---|---|--|--|---|---|
| Specifications | HPE OfficeConnect 1920S 8G Switch (JL380A) | HPE OfficeConnect 1920S 24G 2SFP Switch (JL381A) | HPE OfficeConnect 1920S 48G 4SFP Switch (JL382A) | HPE OfficeConnect 1920S 8G PPOE+ 65W Switch (JL383A) | HPE OfficeConnect 1920S 24G 2SFP PPOE+ 185W Switch (JL384A) | HPE OfficeConnect 1920S 24G 2SFP PoE+ 370W Switch (JL385A) | HPE OfficeConnect 1920S 48G 4SFP PPOE+ 370W Switch (JL386A) |
| I/O ports and slots | 8 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) Duplex: 10BASE-T/100BASE-TX: half or full 1000BASE-T: full only | 24 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) Duplex: 10BASE-T/100BASE-TX: half or full 1000BASE-T: full only 2 SFP 100/1000 Mb/s ports (IEEE 802.3z Type 1000BASE-X, IEEE 802.3u Type 100BASE-FX) | 48 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) Duplex: 10BASE-T/100BASE-TX: half or full 1000BASE-T: full only 4 SFP 100/1000 Mb/s ports (IEEE 802.3z Type 1000BASE-X, IEEE 802.3u Type 100BASE-FX) | 4 RJ-45 autosensing 10/100/1000 PoE+ ports Duplex: 10BASE-T/100BASE-TX: half or full 1000BASE-T: full only 4 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) Duplex: 10BASE-T/100BASE-TX: half or full 1000BASE-T: full only | 12 RJ-45 autosensing 10/100/1000 PoE+ ports; Duplex: 10BASE-T/100BASE-TX: half or full 1000BASE-T: full only 12 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) Duplex: 10BASE-T/100BASE-TX: half or full 1000BASE-T: full only 2 SFP 100/1000 Mb/s ports (IEEE 802.3z Type 1000BASE-X, IEEE 802.3u Type 100BASE-FX) | 12 RJ-45 autosensing 10/100/1000 PoE+ ports Duplex: 10BASE-T/100BASE-TX: half or full 1000BASE-T: full only 12 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) Duplex: 10BASE-T/100BASE-TX: half or full 1000BASE-T: full only 2 SFP 100/1000 Mbps ports (IEEE 802.3z Type 1000BASE-X, IEEE 802.3u Type 100BASE-FX) | 24 RJ-45 autosensing 10/100/1000 PoE+ ports Duplex: 10BASE-T/100BASE-TX: half or full 1000BASE-T: full only 24 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) Duplex: 10BASE-T/100BASE-TX: half or full 1000BASE-T: full only 4 SFP 100/1000 Mb/s ports (IEEE 802.3z Type 1000BASE-X, IEEE 802.3u Type 100BASE-FX) |
| Memory and processor | ARM Cortex-A9 @ 400 MHz 256 MB SDRAM 64 MB flash packet buffer: 1.5 MB | ARM Cortex-A9 @ 400 MHz 256 MB SDRAM 64 MB flash packet buffer: 1.5 MB | ARM Cortex-A9 @ 400 MHz 256 MB SDRAM 64 MB flash packet buffer: 1.5 MB | ARM Cortex-A9 @ 400 MHz 256 MB SDRAM 64 MB flash packet buffer: 1.5 MB | ARM Cortex-A9 @ 400 MHz 256 MB SDRAM 64 MB flash packet buffer: 1.5 MB | ARM Cortex-A9 @ 400 MHz 256 MB SDRAM 64 MB flash packet buffer: 1.5 MB | ARM Cortex-A9 @ 400 MHz 256 MB SDRAM 64 MB flash packet buffer: 1.5 MB |
| Reliability | MTBF (years) : 144.9 | MTBF (years) : 80 | MTBF (years) : 61.73 | MTBF (years) : 112.36 | MTBF (years) : 64.52 | MTBF (years) : 57.1 | MTBF (years) : 45 |
| Performance | 100 Mb Latency : < 7.0 μs 1000 Mb Latency : < 2.4 μs Throughput : up to 11.9 Mp/s Routing/Switching capacity : 16 Gb/s | 100 Mb Latency : < 7.0 μs 1000 Mb Latency : < 2.0 μs Throughput : up to 38.6 Mp/s Routing/Switching capacity : 52 Gb/s | 100 Mb Latency : < 7.0 μs 1000 Mb Latency : < 2.0 μs Throughput : up to 77.3 Mp/s Routing/Switching capacity : 104 Gb/s | 100 Mb Latency : < 7.0 μs 1000 Mb Latency : < 2.3 μs Throughput : up to 11.9 Mp/s Routing/Switching capacity : 16 Gb/s | 100 Mb Latency : < 7.0 μs 1000 Mb Latency : < 2.0 μs Throughput : up to 38.6 Mp/s Routing/Switching capacity : 52 Gb/s | 100 Mb Latency : < 7.0 μs 1000 Mb Latency : < 2.0 μs Throughput : up to 77.3 Mp/s Routing/Switching capacity : 52 Gb/s | 100 Mb Latency : < 7.0 μs 1000 Mb Latency : < 2.0 μs Throughput : up to 77.3 Mp/s Routing/Switching capacity : 104 Gb/s |

| Description | | | | | | | |
|-------------------|--|--|--|--|---|--|---|
| Specifications | HPE OfficeConnect 1920S 8G Switch (JL380A) | HPE OfficeConnect 1920S 24G 2SFP Switch (JL381A) | HPE OfficeConnect 1920S 48G 4SFP Switch (JL382A) | HPE OfficeConnect 1920S 8G PPOE+ 65W Switch (JL383A) | HPE OfficeConnect 1920S 24G 2SFP PPOE+ 185W Switch (JL384A) | HPE OfficeConnect 1920S 24G 2SFP PoE+ 370W Switch (JL385A) | HPE OfficeConnect 1920S 48G 4SFP PPOE+ 370W Switch (JL386A) |
| | Routing table size : 32 entries | Routing table size : 32 entries | Routing table size : 32 entries | Routing table size : 32 entries | Routing table size : 32 entries | Routing table size : 32 entries | Routing table size : 32 entries |
| | MAC address table size : 8,000 entries | MAC address table size : 8,000 entries | MAC address table size : 16,000 entries | MAC address table size : 8,000 entries | MAC address table size : 8,000 entries | MAC address table size : 16,000 entries | MAC address table size : 16,000 entries |
| Device Management | Web browser | Web browser | Web browser | Web browser | Web browser | Web browser | Web browser |

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Physical specifications

| Description | | | | | | | |
|------------------------|---|---|---|---|---|---|---|
| Specifications | HPE OfficeConnect 1920S 8G Switch (JL380A) | HPE OfficeConnect 1920S 24G 2SFP Switch (JL381A) | HPE OfficeConnect 1920S 48G 4SFP Switch (JL382A) | HPE OfficeConnect 1920S 8G PPOE+ 65W Switch (JL383A) | HPE OfficeConnect 1920S 24G 2SFP PPOE+ 185W Switch (JL384A) | HPE OfficeConnect 1920S 24G 2SFP PoE+ 370W Switch (JL385A) | HPE OfficeConnect 1920S 48G 4SFP PPOE+ 370W Switch (JL386A) |
| Dimensions (H x W x D) | 4.39 x 25.4 x 15.95 cm (1.73 x 10 x 6.28 in) (1U height) | 4.39 x 44.25 x 24.61 cm (1.73 x 17.42 x 9.69 in) (1U height) | 4.39 x 44.25 x 24.61 cm (1.73 x 17.42 x 9.69 in) (1U height) | 4.39 x 25.4 x 15.95 cm (1.73 x 10 x 6.28 in) (1U height) | 4.39 x 44.25 x 24.61 cm (1.73 x 17.42 x 9.69 in) (1U height) | 4.39 x 44.25 x 32.26 cm (1.73 x 17.42 x 12.7 in) (1U height) | 4.39 x 44.25 x 32.26 cm (1.73 x 17.42 x 12.7 in) (1U height) |
| Weight | 0.82 kg (1.81 lb) | 2.72 kg (6 lb) | 3.31 kg (7.3 lb) | 0.91 kg (2.01 lb) | 3.31 kg (7.3 lb) | 4.4 kg (9.7 lb) | 4.4 kg (9.7 lb) |

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Electrical specifications

| Description | | | | | | | |
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| Specifications | HPE OfficeConnect 1920S 8G Switch (JL380A) | HPE OfficeConnect 1920S 24G 2SFP Switch (JL381A) | HPE OfficeConnect 1920S 48G 4SFP Switch (JL382A) | HPE OfficeConnect 1920S 8G PPOE+ 65W Switch (JL383A) | HPE OfficeConnect 1920S 24G 2SFP PPOE+ 185W Switch (JL384A) | HPE OfficeConnect 1920S 24G 2SFP PoE+ 370W Switch (JL385A) | HPE OfficeConnect 1920S 48G 4SFP PPOE+ 370W Switch (JL386A) |
| Frequency | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz |
| AC Voltage | 100 - 240 V ac | 100 - 127 / 200 - 240 V ac | 100 - 127 / 200 - 240 V ac | 100 - 240 V ac | 100 - 127 / 200 - 240 V ac | 100 - 127 / 200 - 240 V ac | 100 - 127 / 200 - 240 V ac |
| Current | 0.2 A | 0.5/0.3 A | 0.8/0.5 A | 0.9 A | 2.6/1.3 A | 3.5/1.9 A | 5.1/2.6 A |
| Maximum power rating | 9.5 W | 15.7 W | 32.2 W | 72.9 W | 207.9 W | 435 W | 481 W |
| Idle power | 8.2 W | 11.6 W | 23.3 W | 9.7 W | 19 W | 34.2 W | 54.8 W |
| PoE power | - | - | - | 65 W PoE+ | 185 W PoE+ | 370 W PoE+ | 370 W PoE+ |

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Environmental specifications

| Description | | | | | | | |
|------------------------------------|--|--|--|--|---|--|---|
| Specifications | HPE OfficeConnect 1920S 8G Switch (JL380A) | HPE OfficeConnect 1920S 24G 2SFP Switch (JL381A) | HPE OfficeConnect 1920S 48G 4SFP Switch (JL382A) | HPE OfficeConnect 1920S 8G PPOE+ 65W Switch (JL383A) | HPE OfficeConnect 1920S 24G 2SFP PPOE+ 185W Switch (JL384A) | HPE OfficeConnect 1920S 24G 2SFP PoE+ 370W Switch (JL385A) | HPE OfficeConnect 1920S 48G 4SFP PPOE+ 370W Switch (JL386A) |
| Operating temperature | 0 to 40°C (32 to 104°F) | 0 to 40°C (32 to 104°F) | 0 to 40°C (32 to 104°F) | 0 to 40°C (32 to 104°F) | 0 to 40°C (32 to 104°F) | 0 to 40°C (32 to 104°F) | 0 to 40°C (32 to 104°F) |
| Operating relative humidity | 15 to 95% at 40°C (104°F) | 15 to 95% at 40°C (104°F) | 15 to 95% at 40°C (104°F) | 15 to 95% at 40°C (104°F) | 15 to 95% at 40°C (104°F) | 15 to 95% at 40°C (104°F) | 15 to 95% at 40°C (104°F) |
| Nonoperating/S storage temperature | -40 to 70°C (-40 to 158°F) | -40 to 70°C (-40 to 158°F) | -40 to 70°C (-40 to 158°F) | -40 to 70°C (-40 to 158°F) | -40 to 70°C (-40 to 158°F) | -40 to 70°C (-40 to 158°F) | -40 to 70°C (-40 to 158°F) |

| Description | | | | | | | |
|--|--|--|--|--|---|--|---|
| Specifications | HPE OfficeConnect 1920S 8G Switch (JL380A) | HPE OfficeConnect 1920S 24G 2SFP Switch (JL381A) | HPE OfficeConnect 1920S 48G 4SFP Switch (JL382A) | HPE OfficeConnect 1920S 8G PPOE+ 65W Switch (JL383A) | HPE OfficeConnect 1920S 24G 2SFP PPOE+ 185W Switch (JL384A) | HPE OfficeConnect 1920S 24G 2SFP PoE+ 370W Switch (JL385A) | HPE OfficeConnect 1920S 48G 4SFP PPOE+ 370W Switch (JL386A) |
| Nonoperating/S storage relative humidity | 15 to 95% at 60°C (140°F) | 15 to 95% at 60°C (140°F) | 15 to 95% at 60°C (140°F) | 15 to 95% at 60°C (140°F) | 15 to 95% at 60°C (140°F) | 15 to 95% at 60°C (140°F) | 15 to 95% at 60°C (140°F) |
| Altitude | up to 10,000 ft (3 km) | up to 10,000 ft (3 km) | up to 10,000 ft (3 km) | up to 10,000 ft (3 km) | up to 10,000 ft (3 km) | up to 10,000 ft (3 km) | up to 10,000 ft (3 km) |
| Acoustic | Power : 0 dB no fan | Power : 0 dB no fan | Power : 0 dB no fan | Power : 0 dB no fan | Power : 36 dB | Power : 45 dB | Power : 45 dB |

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Safety certifications

| Description | | | | | | | |
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| Specifications | HPE OfficeConnect 1920S 8G Switch (JL380A) | HPE OfficeConnect 1920S 24G 2SFP Switch (JL381A) | HPE OfficeConnect 1920S 48G 4SFP Switch (JL382A) | HPE OfficeConnect 1920S 8G PPOE+ 65W Switch (JL383A) | HPE OfficeConnect 1920S 24G 2SFP PPOE+ 185W Switch (JL384A) | HPE OfficeConnect 1920S 24G 2SFP PoE+ 370W Switch (JL385A) | HPE OfficeConnect 1920S 48G 4SFP PPOE+ 370W Switch (JL386A) |
| Safety | UL 60950-1 | UL 60950-1 | UL 60950-1 | UL 60950-1 | UL 60950-1 | UL 60950-1 | UL 60950-1 |
| | IEC 60950-1 | IEC 60950-1 | IEC 60950-1 | IEC 60950-1 | IEC 60950-1 | IEC 60950-1 | IEC 60950-1 |
| | EN 60950-1 | EN 60950-1 | EN 60950-1 | EN 60950-1 | EN 60950-1 | EN 60950-1 | EN 60950-1 |
| | CAN/CSA-C22.2 No. 60950-1 | CAN/CSA-C22.2 No. 60950-1 | CAN/CSA-C22.2 No. 60950-1 | CAN/CSA-C22.2 No. 60950-1 | CAN/CSA-C22.2 No. 60950-1 | CAN/CSA-C22.2 No. 60950-1 | CAN/CSA-C22.2 No. 60950-1 |
| Emissions | EN 60825-1 | EN 60825-1 | EN 60825-1 | EN 60825-1 | EN 60825-1 | EN 60825-1 | EN 60825-1 |
| | VCCI Class A | VCCI Class A | VCCI Class A | VCCI Class A | VCCI Class A | VCCI Class A | VCCI Class A |
| | CNS 13438 | CNS 13438 | CNS 13438 | CNS 13438 | CNS 13438 | CNS 13438 | CNS 13438 |
| | ICES-003 Issue 5 Class A | ICES-003 Issue 5 Class A | ICES-003 Issue 5 Class A | ICES-003 Issue 5 Class A | ICES-003 Issue 5 Class A | ICES-003 Issue 5 Class A | ICES-003 Issue 5 Class A |
| | FCC CFR 47 Part 15, Class A | FCC CFR 47 Part 15, Class A | FCC CFR 47 Part 15, Class A | FCC CFR 47 Part 15, Class A | FCC CFR 47 Part 15, Class A | FCC CFR 47 Part 15, Class A | FCC CFR 47 Part 15, Class A |
| | EN 55032: 2015/CISPR-32 | EN 55032: 2015/CISPR-32 | EN 55032: 2015/CISPR-32 | EN 55032: 2015/CISPR-32 | EN 55032: 2015/CISPR-32 | EN 55032: 2015/CISPR-32 | EN 55032: 2015/CISPR-32 |
| Immunity | Generic : EN 55024, CISPR 24 | Generic : EN 55024, CISPR 24 | Generic : EN 55024, CISPR 24 | Generic : EN 55024, CISPR 24 | Generic : EN 55024, CISPR 24 | Generic : EN 55024, CISPR 24 | Generic : EN 55024, CISPR 24 |
| | EN : EN 55024, CISPR 24 | EN : EN 55024, CISPR 24 | EN : EN 55024, CISPR 24 | EN : EN 55024, CISPR 24 | EN : EN 55024, CISPR 24 | EN : EN 55024, CISPR 24 | EN : EN 55024, CISPR 24 |
| | ESD : IEC 61000-4-2 | ESD : IEC 61000-4-2 | ESD : IEC 61000-4-2 | ESD : IEC 61000-4-2 | ESD : IEC 61000-4-2 | ESD : IEC 61000-4-2 | ESD : IEC 61000-4-2 |
| | Radiated : IEC 61000-4-3 | Radiated : IEC 61000-4-3 | Radiated : IEC 61000-4-3 | Radiated : IEC 61000-4-3 | Radiated : IEC 61000-4-3 | Radiated : IEC 61000-4-3 | Radiated : IEC 61000-4-3 |
| | EFT/Burst : IEC 61000-4-4 | EFT/Burst : IEC 61000-4-4 | EFT/Burst : IEC 61000-4-4 | EFT/Burst : IEC 61000-4-4 | EFT/Burst : IEC 61000-4-4 | EFT/Burst : IEC 61000-4-4 | EFT/Burst : IEC 61000-4-4 |
| | Surge : IEC 61000-4-5 | Surge : IEC 61000-4-5 | Surge : IEC 61000-4-5 | Surge : IEC 61000-4-5 | Surge : IEC 61000-4-5 | Surge : IEC 61000-4-5 | Surge : IEC 61000-4-5 |
| | Conducted : IEC 61000-4-6 | Conducted : IEC 61000-4-6 | Conducted : IEC 61000-4-6 | Conducted : IEC 61000-4-6 | Conducted : IEC 61000-4-6 | Conducted : IEC 61000-4-6 | Conducted : IEC 61000-4-6 |
| | Power frequency magnetic field : IEC 61000-4-8 | Power frequency magnetic field : IEC 61000-4-8 | Power frequency magnetic field : IEC 61000-4-8 | Power frequency magnetic field : IEC 61000-4-8 | Power frequency magnetic field : IEC 61000-4-8 | Power frequency magnetic field : IEC 61000-4-8 | Power frequency magnetic field : IEC 61000-4-8 |
| | Voltage dips and interruptions : IEC 61000-4-11 | Voltage dips and interruptions : IEC 61000-4-11 | Voltage dips and interruptions : IEC 61000-4-11 | Voltage dips and interruptions : IEC 61000-4-11 | Voltage dips and interruptions : IEC 61000-4-11 | Voltage dips and interruptions : IEC 61000-4-11 | Voltage dips and interruptions : IEC 61000-4-11 |
| | Harmonics : EN 61000-3-2, IEC 61000-3-2 | Harmonics : EN 61000-3-2, IEC 61000-3-2 | Harmonics : EN 61000-3-2, IEC 61000-3-2 | Harmonics : EN 61000-3-2, IEC 61000-3-2 | Harmonics : EN 61000-3-2, IEC 61000-3-2 | Harmonics : EN 61000-3-2, IEC 61000-3-2 | Harmonics : EN 61000-3-2, IEC 61000-3-2 |
| Flicker : EN 61000-3-3, IEC 61000-3-3 | Flicker : EN 61000-3-3, IEC 61000-3-3 | Flicker : EN 61000-3-3, IEC 61000-3-3 | Flicker : EN 61000-3-3, IEC 61000-3-3 | Flicker : EN 61000-3-3, IEC 61000-3-3 | Flicker : EN 61000-3-3, IEC 61000-3-3 | Flicker : EN 61000-3-3, IEC 61000-3-3 | |

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