

H3C WX3800X Series Access Controllers

Hardware Information and Specifications

New H3C Technologies Co., Ltd.
<http://www.h3c.com>

Document version: 6W103-20250124

Copyright © 2025, New H3C Technologies Co., Ltd. and its licensors

All rights reserved

No part of this manual may be reproduced or transmitted in any form or by any means without prior written consent of New H3C Technologies Co., Ltd.

Trademarks

Except for the trademarks of New H3C Technologies Co., Ltd., any trademarks that may be mentioned in this document are the property of their respective owners.

Notice

The information in this document is subject to change without notice. All contents in this document, including statements, information, and recommendations, are believed to be accurate, but they are presented without warranty of any kind, express or implied. H3C shall not be liable for technical or editorial errors or omissions contained herein.

Environmental protection

This product has been designed to comply with the environmental protection requirements. The storage, use, and disposal of this product must meet the applicable national laws and regulations.

Preface

H3C WX3800X Series Access Controllers Hardware Information and Specifications describes product models, technical specifications, ports, and LEDs of the WX3800X series access controllers.

This preface includes the following topics about the documentation:

- [Audience](#).
- [Conventions](#).
- [Documentation feedback](#).

Audience

This documentation is intended for:

- Network planners.
- Field technical support and servicing engineers.
- Network administrators working with the WX3800X series access controllers.

Conventions

The following information describes the conventions used in the documentation.





Command conventions

| Convention | Description |
|------------------|--|
| Boldface | Bold text represents commands and keywords that you enter literally as shown. |
| <i>Italic</i> | <i>Italic</i> text represents arguments that you replace with actual values. |
| [] | Square brackets enclose syntax choices (keywords or arguments) that are optional. |
| { x y ... } | Braces enclose a set of required syntax choices separated by vertical bars, from which you select one. |
| [x y ...] | Square brackets enclose a set of optional syntax choices separated by vertical bars, from which you select one or none. |
| { x y ... }* | Asterisk marked braces enclose a set of required syntax choices separated by vertical bars, from which you select a minimum of one. |
| [x y ...]* | Asterisk marked square brackets enclose optional syntax choices separated by vertical bars, from which you select one choice, multiple choices, or none. |
| &<1-n> | The argument or keyword and argument combination before the ampersand (&) sign can be entered 1 to n times. |
| # | A line that starts with a pound (#) sign is comments. |













GUI conventions

| Convention | Description |
|-----------------|---|
| Boldface | Window names, button names, field names, and menu items are in Boldface. For example, the New User window opens; click OK . |
| > | Multi-level menus are separated by angle brackets. For example, File > Create > Folder . |

Symbols

| Convention | Description |
|---|--|
|  WARNING! | An alert that calls attention to important information that if not understood or followed can result in personal injury. |
|  CAUTION: | An alert that calls attention to important information that if not understood or followed can result in data loss, data corruption, or damage to hardware or software. |
|  IMPORTANT: | An alert that calls attention to essential information. |
| NOTE: | An alert that contains additional or supplementary information. |
|  TIP: | An alert that provides helpful information. |

Network topology icons

| Convention | Description |
|---|--|
|  | Represents a generic network device, such as a router, switch, or firewall. |
|  | Represents a routing-capable device, such as a router or Layer 3 switch. |
|  | Represents a generic switch, such as a Layer 2 or Layer 3 switch, or a router that supports Layer 2 forwarding and other Layer 2 features. |
|  | Represents an access controller, a unified wired-WLAN module, or the access controller engine on a unified wired-WLAN switch. |
|  | Represents an access point. |
|  | Represents a wireless terminator unit. |
|  | Represents a wireless terminator. |
|  | Represents a mesh access point. |
|  | Represents omnidirectional signals. |
|  | Represents directional signals. |
|  | Represents a security product, such as a firewall, UTM, multiservice security gateway, or load balancing device. |
|  | Represents a security module, such as a firewall, load balancing, NetStream, SSL VPN, IPS, or ACG module. |

Examples provided in this document

Examples in this document might use devices that differ from your device in hardware model, configuration, or software version. It is normal that the port numbers, sample output, screenshots, and other information in the examples differ from what you have on your device.

Documentation feedback

You can e-mail your comments about product documentation to info@h3c.com.

We appreciate your comments.

Contents

| | |
|---|------------|
| 1 Product overview | 1-1 |
| Product models | 1-1 |
| Technical specifications | 1-1 |
| Chassis views | 1-1 |
| WX3820X&WX3840X | 1-1 |
| 2 Removable components | 2-1 |
| Removable components and compatibility matrixes | 2-1 |
| Power supplies | 2-2 |
| Power supply specifications | 2-2 |
| Power supply views | 2-3 |
| Expansion modules | 2-3 |
| Expansion module specifications | 2-3 |
| Expansion module views | 2-5 |
| Drives | 2-6 |
| Cables | 2-6 |
| 3 Ports and LEDs | 3-1 |
| Ports | 3-1 |
| Console port | 3-1 |
| USB port | 3-1 |
| SFP port | 3-2 |
| SFP+ port | 3-2 |
| 100/1000BASE-T management Ethernet port | 3-4 |
| 100/1000BASE-T autosensing Ethernet port | 3-4 |
| LEDs | 3-5 |
| WX3820X&WX3840X device port status LEDs | 3-5 |
| Status LED on a power supply | 3-6 |
| Port LED on an expansion module | 3-7 |
| Drive status LED | 3-7 |
| 4 Cooling system | 4-1 |

1 Product overview

Product models

This document is applicable to the WX3800X series access controllers. [Table1-1](#) describes the WX3800X series access controller models.

Table1-1 WX3800X series access controller models

| Product series | Product code | Model | Remarks |
|----------------|--------------|---------|----------------|
| WX3800X series | EWP-WX3820X | WX3820X | Non-PoE models |
| | EWP-WX3840X | WX3840X | |

Technical specifications

Table1-2 Technical specifications

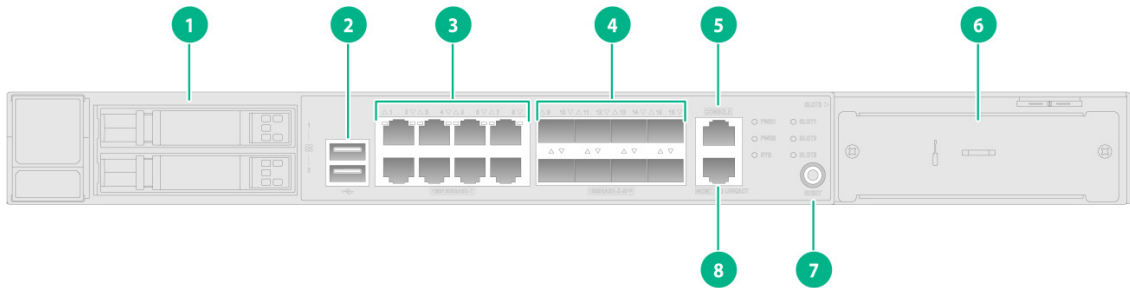
| Item | WX3820X | WX3840X |
|--|--|---------|
| Dimensions (H x W x D) | 44 x 440 x 435 mm (1.73 x 17.32 x 17.13 in) | |
| Weight | 9 kg (19.84 lb) | |
| Console port | 1, control port, 9600 bps (default) to 115200 bps | |
| USB port | 2 (USB2.0) | |
| Management port | 1 x 100/1000BASE-T management Ethernet port | |
| SFP port | 8 x 1000BASE-X SFP ports | |
| 100/1000BASE-T autosensing Ethernet port | 8 | |
| Reset button (RESET) | <ul style="list-style-type: none">To restore the device to factory default settings, press and hold the button for more than 5 seconds.To reset the device, press and hold the button for more than 1 second. | |
| Memory | 16GB DDR4 | |
| Storage media | 8GB eMMC memory | |
| Rated voltage range | <ul style="list-style-type: none">PSR250-12A1-D: 100 to 240 VAC @ 50 or 60 HzPSR450-12D: -48 to -60 VDC | |
| System power consumption | 36 W to 132.7 W | |
| Operating temperature | <ul style="list-style-type: none">Without drives: 0°C to 45°C (32°F to 113°F)With drives: 5°C to 40°C (41°F to 104°F) | |
| Operating humidity | <ul style="list-style-type: none">Without drives: 5% RH to 95% RH, noncondensingWith drives: 10% RH to 90% RH, noncondensing | |

Chassis views

WX3820X&WX3840X

Front and rear views

Figure1-1 Front view



(1) Drive slot

(2) USB port

(3) 100/1000BASE-T autosensing Ethernet ports
1 to 8

(4) 1000BASE-X SFP ports 9 to 16

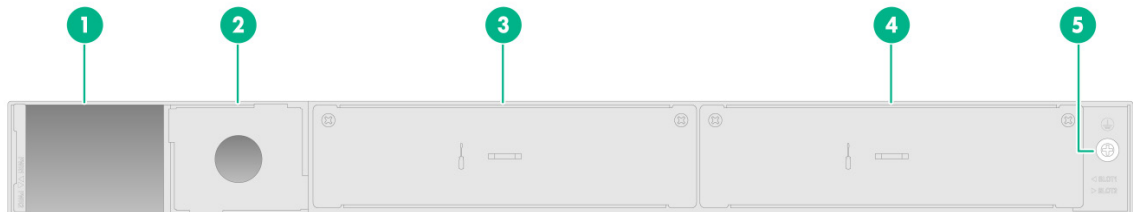
(5) Console port

(6) Expansion slot 3

(7) Reset button (RESET)

(8) 100/1000BASE-T management Ethernet port

Figure1-2 Rear view



(1) Power supply slot PWR1

(2) Power supply slot PWR2

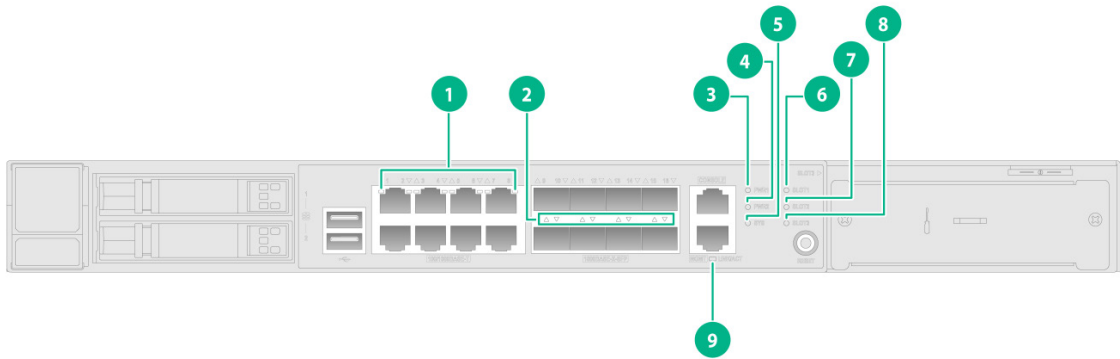
(3) MIM slot 1

(4) MIM slot 2

(5) Grounding screw

LED locations

Figure1-3 Front panel LED locations



| | |
|---|---|
| (1) 100/1000BASE-T autosensing Ethernet port LEDs | (2) 1000BASE-X SFP port LEDs |
| (3) Power supply status LED (PWR1) | (4) Power supply status LED (PWR2) |
| (5) System status LED (SYS) | (6) Expansion module status LED (SLOT1) |
| (7) Expansion module status LED (SLOT2) | (8) Expansion module status LED (SLOT3) |
| (9) 100/1000BASE-T management Ethernet port status LED (LINK/ACT) | |

2 Removable components

Removable components and compatibility matrixes

The access controllers use modular design. [Table2-1](#) describes the compatibility matrix between access controllers and removable components.

Table2-1 Compatibility matrix between access controllers and removable components

| Removable components | WX3820X | WX3840X |
|---------------------------------|-----------|-----------|
| Removable power supplies | | |
| PSR250-12A1 | Supported | Supported |
| PSR450-12D | Supported | Supported |
| Expansion modules | | |
| EWPM1WBCE0ENT | Supported | Supported |
| EWPM1WBCE0ENT-ULT RA | Supported | Supported |
| EWPXM1XG03 | Supported | Supported |
| EWPXM1XG20 | N/A | Supported |
| Drives | | |
| SSD-1.92T-SATA3-WCG | Supported | Supported |

[Table2-2](#) describes the compatibility matrix between expansion modules and expansion slots.

Table2-2 Compatibility matrix between expansion modules and expansion slots

| Expansion module | WX3820X | | WX3840X | |
|---------------------|------------------|-----------|------------------|-----------|
| | Slot 1 Slot 2 | Slot 3 | Slot 1 Slot 2 | Slot 3 |
| EWPM1WBCE0ENT | Supported | N/A | Supported | N/A |
| EWPM1WBCE0ENT-ULTRA | Supported | N/A | Supported | N/A |
| EWPXM1XG03 | N/A | Supported | N/A | Supported |
| EWPXM1XG20 | N/A | N/A | Supported | N/A |

The power supplies support asset management. You can use `display device manuinfo` command to view the name, sequence number, and vendor of the power supply you have installed on the device.

Power supplies

Power supply specifications

⚠ WARNING!

When the device has power supplies in redundancy, you can replace a power supply without powering off the device. To avoid device damage and bodily injury, make sure the power supply is powered off before you replace it.

Table2-3 Power supply specifications

| Power supply model | Item | Specification |
|--------------------|------------------------------|--|
| PSR250-12A1 | Product code | PSR250-12A1-D |
| | Rated AC input voltage range | 100 to 240 VAC @ 50 or 60 Hz |
| | Rated AC input current | 4 A |
| | Max AC input voltage range | 90 to 290 VAC @ 47 to 63 Hz |
| | Max AC input current | 5 A |
| | Output voltage | 12 V/3.3 V |
| | Output current | 20.9 A (12 V)/2 A (3.3 V) |
| | Max output power | 250 W |
| | Dimensions (H x W x D) | 40.2 x 50.5 x 221 mm (1.58 x 1.99 x 8.70 in) |
| | Operating temperature | -10°C to +55°C (14°F to 131°F) |
| | Relative humidity | 5% RH to 95% RH, noncondensing |
| PSR450-12D | Product code | PSR450-12D |
| | Rated DC input voltage range | -48 to -60 VDC |
| | Rated DC input current | 12 A (48 VDC) 10 A (60 VDC) |
| | Max DC input voltage range | -36 to -72 VDC |
| | Max DC input current | 15 A |
| | Output voltage | 12 V/3.3 V |
| | Output current | 37.5 A (12 V)/2 A (3.3 V) |
| | Max output power | 450 W |
| | Dimensions (H x W x D) | 40.2 x 50.5 x 221 mm (1.58 x 1.99 x 8.70 in) |
| | Operating temperature | -10°C to +55°C (14°F to 131°F) |
| | Relative humidity | 5% RH to 95% RH, noncondensing |

Power supply views

Figure2-1 PSR250-12A1

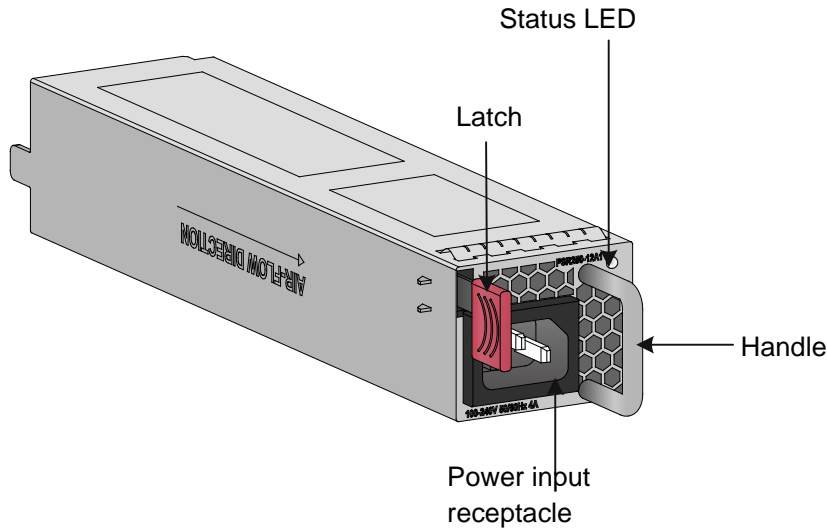
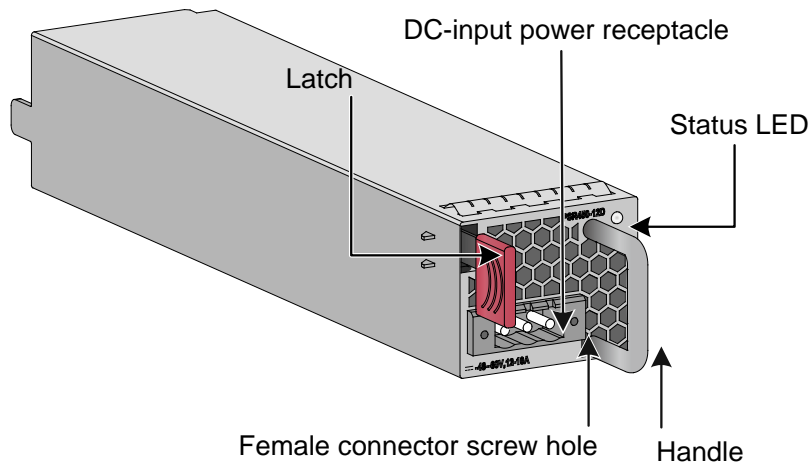


Figure2-2 PSR450-12D



Expansion modules

Expansion module specifications

Table2-4 Expansion module specifications

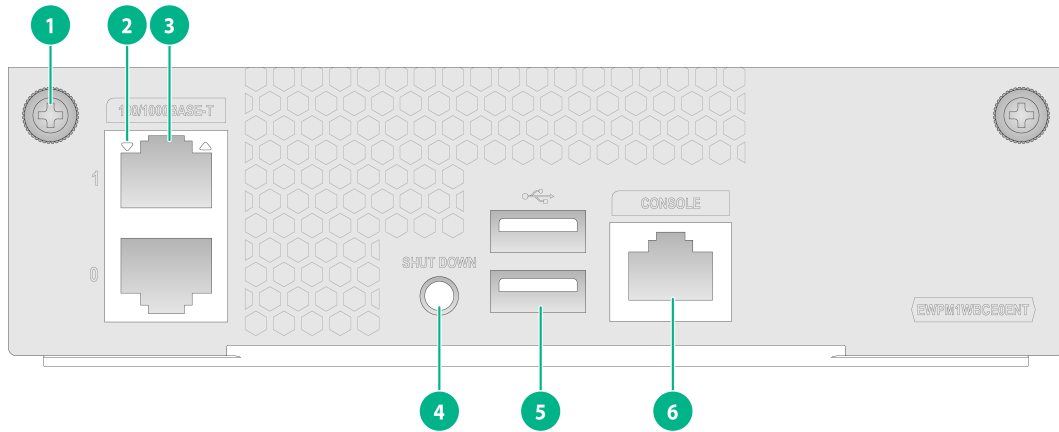
| Expansion module model | Item | Specification |
|---|-------------------------|---|
| EWPM1WBCE0ENT& EWPM1WBCE0ENT- ULTRA | Name | Access controller module |
| | Port quantity and types | <ul style="list-style-type: none"> • 2 × 100/1000BASE-T Ethernet ports • 1 × console port |

| Expansion module model | Item | Specification |
|------------------------|-------------------------|--|
| | | <ul style="list-style-type: none"> 2 × USB ports |
| | Port specifications | <ul style="list-style-type: none"> For detailed information about 100/1000BASE-T Ethernet ports, see Table3-8. For detailed information about the console port, see Table3-1. For detailed information about USB ports, see Table3-2. |
| | Power consumption | 32.3W~46.2W |
| | Dimensions (H × W × D) | 40.9 × 150 × 242.8 mm (1.61 × 5.91 × 9.56 in) |
| | Weight | 1.1kg (2.43 lb) |
| EWPXM1XG03 | Name | Interface expansion module |
| | Port quantity and types | <ul style="list-style-type: none"> 8 × 100/1000BASE-T autosensing Ethernet ports 2 × SFP+ fiber ports |
| | Port specifications | <ul style="list-style-type: none"> For detailed information about 100/1000BASE-T autosensing Ethernet ports, see Table3-8. For information about SFP+ modules and cables supported by the SFP+ fiber ports, see Table3-6. |
| | Power consumption | 2.7W~9W |
| | Dimensions (H × W × D) | 33.3 × 110 × 106 mm (1.31 × 4.33 × 4.17 in) |
| | Weight | 0.4kg (0.88 lb) |
| EWPXM1XG20 | Name | Interface expansion module |
| | Port quantity and types | 2 × 10G BASE-R-SFP+ fiber ports |
| | Port specifications | For information about SFP+ modules and cables supported by the SFP+ fiber ports, see Table3-6 . |
| | Power consumption | 4.8W~6.9W |
| | Dimensions (H × W × D) | 40.1 × 150 × 173 mm (1.58 × 5.91 × 6.81 in) |
| | Weight | 0.4kg (0.88 lb) |

Expansion module views

EWPM1WBCE0ENT&EWPM1WBCE0ENT-ULTRA

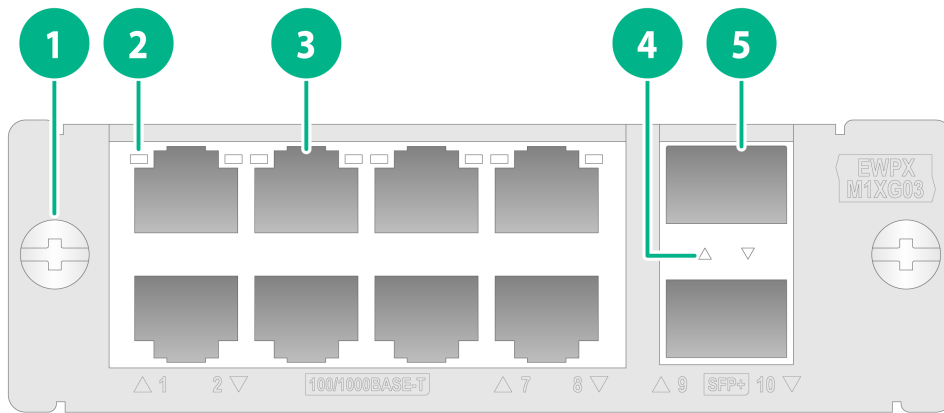
Figure2-3 Front panel



| | |
|----------------------------------|--------------------------------------|
| (1) Captive screw | (2) 100/1000BASE-T Ethernet port LED |
| (3) 100/1000BASE-T Ethernet port | (4) Power button |
| (5) USB port | (6) Console port |

EWPM1XG03

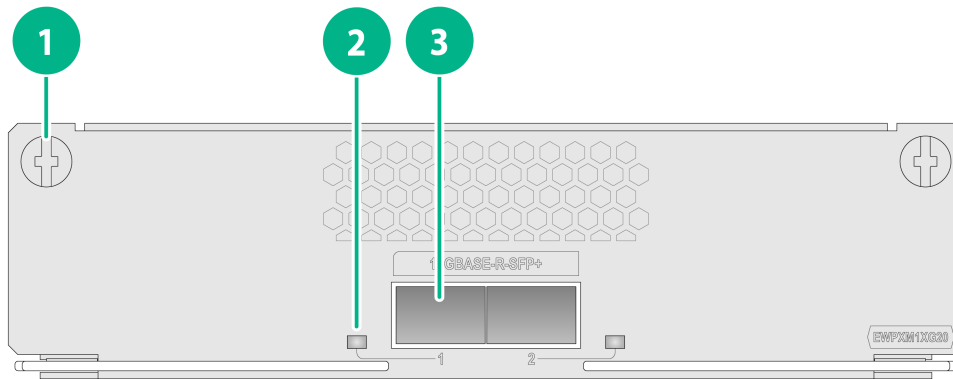
Figure2-4 Front panel



| | |
|--|--|
| (1) Captive screw | (2) 100/1000BASE-T autosensing Ethernet port LED |
| (3) 100/1000BASE-T autosensing Ethernet port | (4) SFP+ fiber port LED |
| (5) SFP+ fiber port | - |

EWPXM1XG20

Figure2-5 Front panel



| | |
|--------------------------------|------------------------------------|
| (1) Captive screw | (2) 10G BASE-R-SFP+ fiber port LED |
| (3) 10G BASE-R-SFP+ fiber port | - |

Drives

CAUTION:
To avoid system anomalies, do not hot swap drives.

No drives are provided with the device. Purchase them yourself as required.

Table2-5 Drive specifications

| Drive model | Item | Specification |
|---------------------|------------------------|---------------|
| SSD-1.92T-SATA3-WCG | Capacity | 1.92 TB |
| | Port type | SATA |
| | Port transmission rate | 6 Gbps |
| | Size | SFF |

Cables

To avoid interference between cables, layer cables as follows:

- Do not bundle cables in their first 20 m (65.62 ft).
- Separate power cords and twisted pair cables at and around the distribution frame.
- For ports adjacent to one another on the device, the peer ports on the distribution frame are preferably not adjacent, for example:
 - If the device connects to one distribution frame, connect port 1 on the device to port 1 on the distribution frame and port 2 on the device to port 3 on the distribution frame.

- If the device connects to two distribution frames, connect port 1 on the device to port 1 on distribution frame 1 and port 2 on the device to port 1 on distribution frame 2.
- Keep the device and cables away from the interference source, such as a two-way radio and a high-power variable-frequency drive.

3 Ports and LEDs

Ports

Console port

Table3-1 Console port specifications

| Item | Specification |
|------------------------|--|
| Connector type | RJ-45 |
| Compliant standard | EIA/TIA-232 |
| Port transmission rate | <ul style="list-style-type: none">EWPM1WBCE0ENT&EWPM1WBCE0ENT-ULTRA: 115200 bpsWX3820X&WX3840X: 9600 bps (default) to 115200 bps |
| Services | <ul style="list-style-type: none">Provides connection to an ASCII terminalProvides connection to the serial port of a local PC running terminal emulation program |
| Compatible models | <ul style="list-style-type: none">WX3820X&WX3840XEWPM1WBCE0ENT&EWPM1WBCE0ENT-ULTRA |

USB port

Table3-2 USB port specifications

| Item | Specification |
|------------------------|---|
| Port type | USB 2.0 |
| Compliant standard | OHCI |
| Port transmission rate | Uploads and downloads data at a rate up to 480 Mbps |
| Functions and services | Accesses the file system on the flash of the device, for example, to upload or download application and configuration files |
| Compatible models | <ul style="list-style-type: none">WX3820X&WX3840XEWPM1WBCE0ENT&EWPM1WBCE0ENT-ULTRA |



NOTE:

USB devices from different vendors vary in compatibilities and drivers. H3C does not guarantee correct operation of USB devices from other vendors on the device. If a USB device fails to operate on the device, replace it with one from another vendor.

SFP port

Table3-3 SFP port specifications

| Item | Specification |
|--------------------------------|--|
| Connector type | LC |
| Compatible transceiver modules | GE SFP transceiver modules in Table3-4 |
| Compatible models | WX3820X&WX3840X |

Table3-4 GE SFP transceiver modules

| Transceiver module type | Transceiver module model | Central wavelength | Receiver sensitivity | Fiber diameter | Data rate | Max transmission distance |
|-------------------------|--------------------------|--------------------|----------------------|----------------|-----------|---------------------------|
| GE multi-mode module | SFP-GE-SX-MM850-A | 850 nm | -17 dBm | 50 μm | 1.25 Gbps | 550 m (1804.46 ft) |
| | SFP-GE-SX-MM850-D | 850 nm | -17 dBm | 50 μm | 1.25 Gbps | 550 m (1804.46 ft) |
| GE single-mode module | SFP-GE-LX-SM1310-A | 1310 nm | -20 dBm | 9 μm | 1.25 Gbps | 10 km (6.21 miles) |
| | SFP-GE-LX-SM1310-D | 1310 nm | -20 dBm | 9 μm | 1.25 Gbps | 10 km (6.21 miles) |

NOTE:

- As a best practice, use H3C transceiver modules for the device.
- The H3C transceiver modules are subject to change over time. For the most recent list of H3C transceiver modules, contact your H3C Support or marketing staff.
- For more information about H3C transceiver modules, see *H3C Transceiver Modules User Guide*.
- The transceiver modules that have **MM** and **SM** in their names support multi-mode optical fibers and single-mode optical fibers, respectively.

SFP+ port

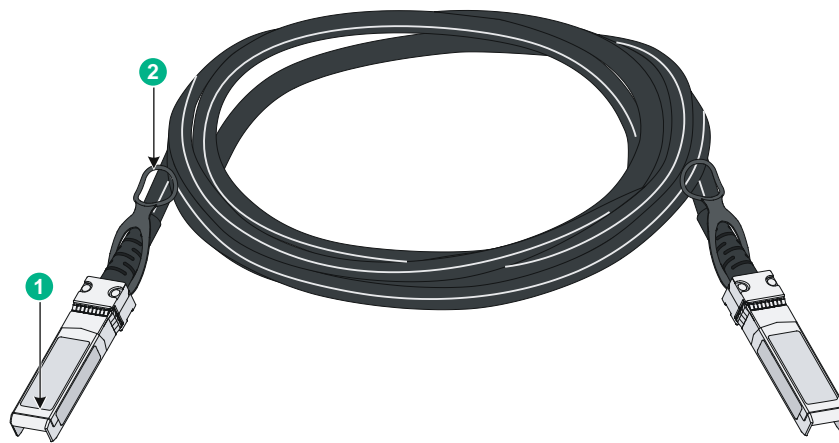
Table3-5 SFP+ port specifications

| Item | Specification |
|---|--|
| Connector type | LC |
| Compatible transceiver modules and cables | <ul style="list-style-type: none"> • GE SFP transceiver modules in Table3-4 • 10GE SFP+ transceiver modules and cables in Table3-6 |
| Compatible models | <ul style="list-style-type: none"> • EWPXM1XG03 • EWPXM1XG20 |

Table3-6 10GE SFP+ transceiver modules and cables

| Transceiver module or cable type | Transceiver module or cable model | Central wavele ngth | Receiver sensitivity | Fiber diameter | Data rate | Max transmi ssion distanc e |
|----------------------------------|-----------------------------------|---------------------|----------------------|----------------|------------|-----------------------------|
| 10GE multi-mode module | SFP-XG-SX-MM850 -A | 850 nm | -9.9 dBm | 50 μm | 10.31 Gbps | 300 m (984.25 ft) |
| | SFP-XG-SX-MM850 -D | 850 nm | -9.9 dBm | 50 μm | 10.31 Gbps | 300 m (984.25 ft) |
| | SFP-XG-SX-MM850 -E | 850 nm | -9.9 dBm | 50 μm | 10.31 Gbps | 300 m (984.25 ft) |
| 10GE single-mode module | SFP-XG-LX-SM131 0 | 1310 nm | -14.4 dBm | 9 μm | 10.31 Gbps | 10 km (6.21 miles) |
| | SFP-XG-LX-SM131 0-D | 1310 nm | -14.4 dBm | 9 μm | 10.31 Gbps | 10 km (6.21 miles) |
| | SFP-XG-LX-SM131 0-E | 1310 nm | -14.4 dBm | 9 μm | 10.31 Gbps | 10 km (6.21 miles) |
| SFP+ cable | LSWM3STK | N/A | N/A | N/A | N/A | 3 m (9.84 ft) |

Figure3-1 SFP+ cable



(1) Connector

(2) Pull latch

NOTE:

- As a best practice, use H3C transceiver modules and cables for the device.
- The H3C transceiver modules and cables are subject to change over time. For the most recent list of H3C transceiver modules and cables, contact your H3C Support or marketing staff.
- For more information about H3C transceiver modules and cables, see *H3C Transceiver Modules User Guide*.
- The transceiver modules that have **MM** and **SM** in their names support multi-mode optical fibers and single-mode optical fibers, respectively.

100/1000BASE-T management Ethernet port

Table3-7 100/1000BASE-T management Ethernet port specifications

| Item | Specification |
|---------------------------------------|---|
| Connector type | RJ-45 |
| Rate, duplex mode, and auto-MDI/MDI-X | <ul style="list-style-type: none"> • 100 Mbps, half/full duplex • 1000 Mbps, full duplex • MDI/MDI-X autosensing |
| Transmission medium | Category 5 or above twisted pair cable |
| Max transmission distance | 100 m (328.08 ft) |
| Compliant standard | IEEE 802.3i, 802.3u, 802.3ab |
| Functions and services | Device software and Boot ROM upgrade, network management |
| Compatible models | WX3820X&WX3840X |

100/1000BASE-T autosensing Ethernet port

Table3-8 100/1000BASE-T autosensing Ethernet port specifications

| Item | Specification |
|---------------------------------------|---|
| Connector type | RJ-45 |
| Rate, duplex mode, and auto-MDI/MDI-X | <ul style="list-style-type: none"> • 100 Mbps, half/full duplex • 1000 Mbps, full duplex • MDI/MDI-X autosensing |
| Max transmission distance | 100 m (328.08 ft) |
| Transmission medium | Category 5 or above twisted pair cable |
| Compliant standard | IEEE 802.3i, 802.3u, and 802.3ab |
| Compatible models | <ul style="list-style-type: none"> • WX3820X&WX3840X • EWPM1WBCE0ENT&EWPM1WBCE0ENT-ULTRA • EWPXM1XG03 |

LEDs

WX3820X&WX3840X device port status LEDs

System status LED

The system status LED shows the operating status of the device.

Table3-9 System status LED description

| LED mark | Status | Description |
|----------|-------------------------|--|
| SYS | Flashing green (4 Hz) | The system is starting up. |
| | Flashing green (0.5 Hz) | The system is operating correctly. |
| | Steady red | A critical alarm has been triggered, for example, power supply alarm, fan tray alarm, high temperature alarm, and software loss. |
| | Off | The device has not started up. |

SFP port LED

Table3-10 SFP port LED description

| LED status | Description |
|----------------|---|
| Steady green | A 1000 Mbps link is present on the port. |
| Flashing green | The port is receiving or sending data at 1000 Mbps. |
| Off | No link is present on the port. |

100/1000BASE-T management Ethernet port LED

Table3-11 100/1000BASE-T management Ethernet port LED description

| LED mark | Status | Description |
|----------|----------------|--|
| LINK/ACT | Steady green | A link is present. |
| | Flashing green | The port is receiving or sending data. |
| | Off | No link is present. |

100/1000BASE-T autosensing Ethernet port LED

Table3-12 100/1000BASE-T autosensing Ethernet port LED description

| LED status | Description |
|-----------------|---|
| Steady yellow | A 100 Mbps link is present on the port. |
| Flashing yellow | The port is receiving or sending data at 100 Mbps. |
| Steady green | A 1000 Mbps link is present on the port. |
| Flashing green | The port is receiving or sending data at 1000 Mbps. |
| Off | No link is present on the port. |

Power supply status LED

The device provides power supply status LEDs to indicate the operating status of power supplies.

Table3-13 Power supply status LED description

| LED mark | Status | Description |
|-----------|--------------|--|
| PWR1/PWR2 | Steady green | A power supply is installed in the power supply slot, and the power supply is operating correctly. |
| | Steady red | A power supply is installed in the power supply slot, but the power supply has failed or is not operating. |
| | Off | No power supply is installed in the power supply slot. |

Expansion module status LED

The device provides expansion module status LEDs to indicate the operating status of expansion modules.

Table3-14 Expansion module status LED description

| LED mark | Status | Description |
|----------------|--------------|--|
| SLOT1 to SLOT3 | Steady green | An expansion module is installed in the expansion slot, and the expansion module is operating correctly. |
| | Flashing red | The device does not support the expansion module model, or the expansion module is faulty. |
| | Off | No expansion module is installed in the expansion module slot. |

Status LED on a power supply

Table3-15 Description for the status LED on a power supply

| LEDs status | Description |
|----------------------------------|---|
| Steady green | The power supply is operating correctly. |
| Flashing green | The power supply has power input but is not installed on the device. |
| Steady red | The power supply is faulty or has entered protection state. |
| Red/green flashing alternatively | The power supply has generated an alarm for power issues (such as output overcurrent, output overload, and overtemperature), but has not entered protection state. |
| Flashing red | <ul style="list-style-type: none">The power supply does not have power input. The device is installed with two power supplies. If one has power input, but the other does not, the status LED on the power supply that does not have power input flashes red.The power supply has entered input undervoltage protection state. |
| Off | The power supply does not have power input. |

Port LED on an expansion module

Table3-16 Description for the port LEDs on an EWPM1WBCE0ENT&EWPM1WBCE0ENT-ULTRA

| LED | Status | Description |
|----------------------------------|----------------|--|
| 100/1000BASE-T Ethernet port LED | Steady green | The port is operating at 100/1000 Mbps, and a link is present on the port. |
| | Flashing green | The port is receiving or sending data at 100/1000 Mbps. |
| | Off | No transceiver module or cable has been installed or no link is present on the port. |

Table3-17 Description for the port LEDs on an EWPXM1XG03

| LED | Status | Description |
|--|-----------------|--|
| 100/1000BASE-T autosensing Ethernet port LED | Steady green | The port is operating at 1000 Mbps, and a link is present on the port. |
| | Flashing green | The port is sending or receiving data at 1000 Mbps. |
| | Steady yellow | The port is operating at 100 Mbps, and a link is present on the port. |
| | Flashing yellow | The port is sending or receiving data at 100 Mbps. |
| | Off | No transceiver module or cable has been installed or no link is present on the port. |
| SFP+ fiber port LED | Steady green | The port is operating at 10 Gbps, and a link is present on the port. |
| | Flashing green | The port is sending or receiving data at 10 Gbps. |
| | Steady yellow | The port is operating at 1000 Mbps, and a link is present on the port. |
| | Flashing yellow | The port is sending or receiving data at 1000 Mbps. |
| | Off | No transceiver module or cable has been installed or no link is present on the port. |

Table3-18 Description for the port LEDs on an EWPXM1XG20

| LED | Status | Description |
|-------------------------------|-----------------|--|
| 10GBASE-R-SFP+ fiber port LED | Steady green | The port is operating at 10 Gbps, and a link is present on the port. |
| | Flashing green | The port is sending or receiving data at 10 Gbps. |
| | Steady yellow | The port is operating at 1000 Mbps, and a link is present on the port. |
| | Flashing yellow | The port is sending or receiving data at 1000 Mbps. |
| | Off | No transceiver module or cable has been installed or no link is present on the port. |

Drive status LED

The device provides drive status LEDs to indicate the operating status of drives.

Table3-19 Drive status LED description

| LED status | Description |
|-------------------|--|
| Steady green | A drive is installed in the drive slot. |
| Flashing green | Data is being read from or written to the drive. |
| Off | No drive is installed in the drive slot. |

4 Cooling system

To dissipate heat timely and enhance system stability, the device uses a high-performance cooling system. Consider the site ventilation design when you plan the installation site for the device.

Table4-1 Cooling system

| Product series | Product model | Airflow direction |
|-----------------------|----------------------|---|
| WX3800X series | WX3820X | The device supports air inlet from the left and front sides and air outlet from the right and rear sides. |
| | WX3840X | |