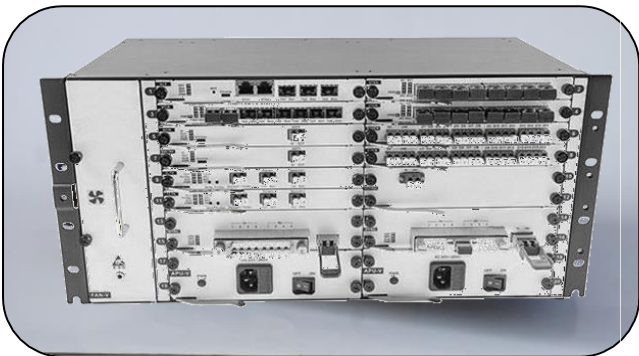




X8600 chassis range for building Optical Transport System

X8600-I X8600-II X8600-V chassis



Features

- Chassis range support from 4 to 20 X8600 series modules
- 1U, 2U, 5U versions cover wide range of applications and system sizes.
- Unified management through X86-NCP Management module that is optionally delivered with chassis.
- Redundant hot swappable AC and DC power supplies
- Redundant hot swappable cooling fans
- Wide range of standard transponder modules available that cover Ethernet, Fiber channel, CPRI, and other services with speeds from 2Mb to 200Gb and aggregate speeds of several Tb
- Available range of passive optical multiplexers and OADM filter assemblies for single and dual fiber transport systems
- Range of Optical amplifiers that support building of long distance transport systems.
- Typical power consumption 50 to 300 W
- Operating temperature -10°C to +60°C

Description

X8600 transport systems can be integrated using three chassis systems that differ in size. There are following chassis systems available

- X8600-I 1U chassis for up to four X8600 modules
- X8600-II 2U chassis for up to eight X8600 modules
- X8600-V 5U chassis for up to twenty X8600 modules

Each chassis comes with X86-NCP management module, two redundant hot swappable power supply modules and hot swappable fan module

There is wide range of transponder, optical amplifier and filter modules available for this platform that enable integration of high performance WDM transport systems.

Applications

- L1 Transport system for wide range of services with 1Gb to multi Tb of aggregate speed
- CWDM and DWDM transport systems,
- Single and dual fiber transport systems
- Ethernet, Fiber Channel, CPRI and other services
- Passive and amplified systems



Technical Specifications

	X8600-I	X8600-II	X8600-V
Chassis Height	1U – 44mm	2U – 88mm	5U – 220mm
Number of slots	4	8	16 (AC-PS), 18 (DC-PS)
Power supply	2x 120 W, 90 to 264 VAC Hot pluggable inserted from back side	2x 180 W, 90 to 264 VAC Hot pluggable inserted from front side	2x 450W, 90 to 260 VAC Hot pluggable inserted from front side
Fan module	Hot pluggable module inserted from front side		
Management Module	X68-NCP module inserted in slot 1 (Optional)		

Summary specification

Maximum number of channels	DWDM: 96 channels ; CWDM: 18 wavelength
Standard Wavelengths	<ul style="list-style-type: none"> DWDM: C- Band and L Band, 100 GHz or 50 GHz, ITU G.694.1 CWDM: 1271 to 1611 nm, 18 channels, ITU G.694.2
Supported service types with additional transponder modules	STM-1/4/16/64/256, OC-3/12/48/192/768 any service of 100 M~2.5 Gbps FE/GE/10GE/40GE/100GE ESCON/FICON/FICON Express FC100/FC200/FC400/FC800/FC1200/SAN EPON, GPON, CPRI 1/2/3/6/7
Installation	19"and 23" cabinets, ETSI 300 mm/600 mm cabinets
Working temperature range	-10 °C to 60 °C (typical)
Working humidity range	5 to 95% RH non condensing
Storage temperature range	-40°C to 85°C
Heat dissipation	Fan cooling with hot swappable fan module
Power supply modes	AC: 90 to 260 VAC or -36 to -72 VDC (supports 1+1 redundancy)
Max Power consumption	120 W Chassis Type I, 180 W Chassis Type II, 450 W Chassis Type V

Ordering information

Part number	Product Description
X8600-I	1U Chassis for X8600 transport System, 4 Slots, Include: 2x PS/AC, 1x FAN module
X8600-I-DC	1U Chassis for X8600 transport System, 4 Slots, Include: 2x PS/DC, 1x FAN module
X8600-I-PSU-AC	Spare X8600-I power supply module, 90 to 260 VAC, 120 W
X8600-I-PSU-DC	Spare X8600-I DC power supply module, -48 to -72 VDC, 120 W
X8600-I-FAN	Spare X8600-I fan module
X8600-II	2U Chassis for X8600 transport System, 8 Slots, AC, Include: 2x PS/AC, 1x FAN module
X8600-II-DC	2U Chassis for X8600 transport System, 8 Slots, DC, Include: 2x PS/AC, 1x FAN module
X8600-II-PSU-AC	Spare X8600-II power supply module 90 to 260 VAC, 180 W
X8600-II-PSU-DC	Spare X8600-II DC power supply module, -48 to -72VDC, 180 W
X8600-II-FAN	Spare X8600-II fan module
X8600-V	5U Chassis for X8600 transport System, 20 Slots, AC, Include: 2x PS/AC, 1x FAN module
X8600-V-DC	5U Chassis for X8600 transport System, 20 Slots, DC, Include: 2x PS/AC, 1x FAN module
X8600-V-PSU-AC	Spare X8600-V power supply module, 90 to 260 VAC, 450 W
X8600-V-PSU-DC	Spare X8600-V DC power supply module, -48 to -72VDC, 450 W
X8600-V-FAN	Spare X8600-V fan module

Notes:

¹ For accurate order specification please contact XenOpt reseller before placing an order. The content of this document is subject to change without notice.