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Overview

NOKIA Alcatel-Lucent 7360 ISAM FX-8 provides 8 service slots, 2 x 100 Gb/s per slot high-capacity backplane, and high-capacity 480Gb/s controllers (NT) with 40Gb/s network capacity (can be used as uplink, downlink or direct user link).

Quick Specification

Model	7360 ISAM FX-8
High capacity backplane	100Gb/s
High-capacity	480Gb/s controllers (NT) with 40Gb/s network capacity (can be used as uplink, downlink or direct user link)
Downlink interfaces	fixed configuration supports 8-port GPON
NTIO	Optional Network Termination Input Output (NTIO) for an additional 80Gb/s network capacity
Redundancy	Full NT redundancy with Active/ Active and load sharing options
Protection	Added resiliency with MPLS, Ethernet Ring Protection Switching (ERPS) (G.8032) and Link Aggregation Group (LAG) support
PON	Simultaneous support of passive optical network (PON), point-to-point, POTS and VDSL2 with vectoring
Application	Fully managed by the Nokia 5520 Access Management System (AMS) and 5529 Access Provisioning Center (APC) applications

Product Details:

The Front Panel:

Benefits:

- Secure investment with system capacity that anticipates future technologies such as time and wavelength division multiplexed PON (TWDM-PON)
- Flexibility to deploy any access technology in any location in the network
- Residential, mobile and business applications converge on a single platform
- Deliver over 100Mb/s to subscribers over existing copper with VDSL2 vectoring and bonding
- Optimized for Gigabit services with Nokia Gigabit Express
- Take advantage of existing Data Over Cable Service Interface Specification (DOCSIS) provisioning systems with DOCSIS Provisioning of EPON (DPoE) support
- Built on widely deployed Nokia ISAM technology serving over 160 fiber to the home (FTTH) and 90 VDSL2 operators worldwide

Get more information:

Do you have any question about the 7360 ISAM FX-8?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

Model	7360 ISAM FX-8
Product specifications	

Multiservice access support	– IPTV services – Multimedia service – High-speed Internet access – Business access – Cell-site backhaul – Voice
LT support	– Gigabit PON (GPON) line cards – Ethernet PON (EPON) line card with DPoE – 10G EPON line card with DPoE – Point-to-point fiber line card – VDSL2 with vectoring line cards – System Level Vectoring (SLV) processor – Voice services line card
Network Termination (NT) support: FANT-F	– 480Gb/s switching matrix (bidirectional) – Active/Active redundancy – Four configurable 10Gb/s or 1Gb/s network links – Small Form Factor Pluggable (SFP)+ cages
Network Termination Input Output (NTIO) support: FNIO-A	– Eight configurable 10Gb/s or 1Gb/s network links – Small Form Factor Pluggable (SFP)+ cages – Used as uplink, downlink or direct user link management – Fully managed by the Nokia 5520 AMS and 5529 APC
Standard compliance	
Environmental	– ETS EN 300 019-1-2 transport – Class 2.3 public transportation – ETS EN 300 019-1-3 stationary use – Class 3.1E and Class 3.3 (assuming no condensation and icing) – GR-63-CORE – SBC TP76200MP – GR-3108-CORE
Powering	ETS EN 300 132-2
Protection	ITU-T K.20 enhanced and K.45 basic
Safety	– IEC 60950, EN60950 Class 1, AS/NZS 60950.1 – UL/CSA 60950-1-03 – EN 60950-1
EMC	– ETS EN 300 386 for telecommunications center installation environment – ETS ES 201 468 – GR-1089-CORE – FCC part 15 Class A – EN 55022
Acoustic noise	– ETS 300 753
Operating environment	• Temperature: -40ºC to 65ºC (-40ºF to 149ºF) • Relative humidity: 5% to 93%, non-condensing • Over-temperature sensors and shutdown

Power	– 48/60V DC nominal
	– Fully redundant power feeding (branch A and B)
Dimension	– Height: 360mm (14.17in) (8 RU)
	– Width: 445mm (17.52in); can be used in 19in racks
	– Depth: 280mm (11.02in)

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