

CERTIFICATE

Certificate Id: 2PAA110541_Dell_PowerConnect_7024

Category:	Managed Switch
Vendor:	Dell
Product Name:	PowerConnect 7024
Software Version:	4.2.2.3
Hardware Version:	-
Certification Test Report:	3BSE073277
Certification reference:	System 800xA Version 4.x, 5.x
Restrictions:	-

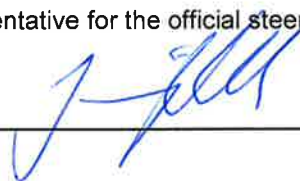
The certificate states that the product specified above has passed the test towards the specified integration category. The certification has been performed by an official certification center, approved by the official steering body for the Industrial IT Certification.

The basis for the certificate is documented according to the Industrial IT Certification – Document Number 3BSE037356. The certificate is valid for the above mentioned Product versions until the next major release of the certified product or the certification reference system. With a major release of the certified product or the reference system, a new certification is required to keep the certificate current.

ABB AB
721 59 Västerås, Sweden

Date: 2013-03-06

Representative for the official steering body for the Industrial IT Certification



Jenny Sjö Dahl

Dell PowerConnect 7024

Industrial^{IT} Certification



Dell PowerConnect 7024



Dell™ PowerConnect™ 7024 Gigabit Ethernet switches are Layer 3 scalable enterprise switches that give you the power and flexibility you need for today and the future, offering advanced switching capabilities including high-density, 10 Gigabit Ethernet uplinks, high-performance stacking, high redundancy and availability, scalable from the small business to the campus Edge.

Product details are summarized below:

Product Overview

Family Name	PowerConnect 7000 Series
Ethernet	24 10/100/1000BASE-T auto-sensing Gigabit Ethernet switching ports; upgradeable 4x 10GbE/ stacking ports; 4 Combo (SFP or 10/100/1000) and optional dual expansion modules
Installation	Rack, 1U
Input Voltage	100-240 VAC
Operating Temperature	0°C to 45°C, 10% to 90%, noncondensing
Power Consumption	88W (7024)
Memory	1GB of CPU DRAM, 64MB of Flash Memory, 32Mb Packet Buffer Memory

Product Details in tested sample

Serial number(s)	CN-0F14WF.28298-2BI-0030-A09 CN-0F14WF.28298-2BI-0058-A09 CN-0F14WF.28298-2BI-0059-A09
Modules	10GBase-T Module, 2-port, 2x 10GBase-T ports
Modules	SFP+ 10GbE Module, 2-port, 2x SFP+ ports
Optics	Transceiver, SFP, 1000BASE-SX, 850nm Wavelength, 550m Reach
Optics	Transceiver, SFP+, 10GbE, LRM, Multi-Mode LC-LC, 220m Reach
External power supply	RPS720 External Redundant Power Supply

Engineering

Configuration and installation	Web-based management interface Industry-standard CLI accessible via Telnet or local serial port
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Dell PowerConnect 7024

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Enhanced Gigabit Ethernet fixed port switch with 10Gb uplinks

Help quickly deploy efficient Layer 3 gigabit switching with PowerConnect™ 7024, featuring robust security and high-availability stacking and management. With 24 Gigabit Ethernet ports for wire-speed switching, the 7024 is designed to scale with your network as it grows.

- **High throughput:** Supports wire-speed performance with up to 24 ports of GbE and optional 4x 10GbE uplink ports and/or stacking at 64Gbps of bandwidth
- **Scalable with high availability:** Manages up to 12 wirespeed switches as a single unit, each with optional redundant power
- **Energy conscious:** Energy Efficient Ethernet (EEE) architecture helps reduce power to ports in sleep mode or cut power to inactive ports while the 80 PLUS-certified power supply lowers overall power and cooling costs

The Dell PowerConnect 7024 closely supports the 800xA Extended Automation System Value Propositions as noted below:

800xA Value Proposition Mapping

✓	Reducing Time to Decision and Action <ul style="list-style-type: none">- Easy to configure via the web interface- Detailed performance information can be retrieved from the management interface
✓	Engineering for Maximum Performance <ul style="list-style-type: none">- High level configuration available via management interface-
✓	Reducing Risk through High Integrity Automation <ul style="list-style-type: none">- Adapted for Industrial Ethernet-
✓	Integrating Information for Improved Visibility <ul style="list-style-type: none">- Diagnostic information available via web interface- Status information or alarm indication via SNMP
✓	Investment Enhancement through Evolution <ul style="list-style-type: none">- Continuation in product development-