EMC RECOVERPOINT

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EMC RecoverPoint, a single solution for concurrent local and remote data replication, provides continuous data protection for any PiT recovery. It can be an integral part of a comprehensive information lifecycle management strategy, enhancing the operational and disaster recovery process, reducing data loss and the time required for recovery. It helps organizations to achieve their business continuity goals defined by their RPO and RTO.

Introduction

The EMC® RecoverPoint delivers enterprise class data protection capabilities that minimize business exposure to any down time. It provides local and remote data replication for continuous data protection over distance and enables any Point-in-Time (PiT) recovery. It is the single solution for organizations that need to close the gap to meet their Recovery Point Objective (RPO) and Recovery Time Objective (RTO).

The engine of RecoverPoint is the RecoverPoint Appliance (RPA), which manages the replication setup and operations, compressing the data with advanced algorithms for efficient bandwidth utilization that reduces network cost up to 90%. A software appliance alternative to physical appliance is available with the EMC VNX series, further lowers Total Cost of Ownership (TCO). RecoverPoint is your ideal data protection solution for operational recovery and disaster recovery. This document covers the RPA product specification. Please refer to EMC RecoverPoint Data Sheet, document ID H2769.1 publication, for product overview.

Specifications

RECOVERPOINT APPLIANCE

CONNECTIVITY

The RecoverPoint Gen6 appliance contains two slots for I/O modules. The following combinations of I/O modules are supported:

OPTION	SLOT 0	SLOT 1
1	16-Gb Fibre Channel	Empty
2	16-Gb Fibre Channel	10-Gb optical fiber
3	16-Gb Fibre Channel	10-Gb twisted copper pair

The I/O modules re network interface cards with the following characteristics:

MODULE	# OF PORTS	NETWORK TYPE	SUPPORTED SPEED	WIRE TYPE
16-GB FIBRE CHANNEL	4	Fibre Channel	16 Gb	Fibre Channel
10-GB OPTICAL FIBER	4	Ethernet	10 Gb	Optical fiber (SFP+)
10-GB TWISTED COPPER PAIR	4	Ethernet	10 Gb	BASE-T twisted copper pair

DIMENSIONS	
HEIGHT	2 in (5.08 cm)
WIDTH	17.50 in (44.45 cm)
DEPTH	41.19 in (104.62 cm)
WEIGHT	60 lb (27.21 kg)

ENVIRONMENTAL

POWER SPECIFICATION

AC LINE VOLTAGE	100 to 240 VAC +/- 10%, 47-63 Hz, single phase
AC LINE CURRENT (OPERATING MAX)	7.7 A max, at 90 VAC 3.6 A max at 200 VAC
POWER CONSUMPTION (OPERATING MAXIMUM)	692 VA (677 W) max, at 90 VAC 720 VA (674 W) max
POWER FACTOR	0.95 min at full load, low voltage
HEAT DISSIPATION (OPERATING MAXIMUM)	2,440 kJ/hr (2,310 Btu/hr) max at 90 VAC 2,420 kJ/hr (2,300 Btu/hr) max at 200 VAC
IN-RUSH CURRENT	30 A peak “cold” per line cord at 90 VAC 40 A peak “hot” per line cord at 240 VAC

STORAGE AND OPERATING CONDITIONS

	STORAGE	OPERATING
TEMPERATURE	-40°C to 65°C (-40°F to 149°F)	10°C to 40°C (50°F to 104°F)
HUMIDITY	10%-90% noncondensing	40%-55% noncondensing (recommended) 20%-80% noncondensing (extremes)
ALTITUDE	-16 to 10,600 m (-50 to 35,000 ft)	-16 to 3,048 m (-50 to 10,000 ft)

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