



APPENDIX **A**

Technical Specifications

This appendix provides the technical specifications for the CDEs. It includes the following sections:

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- [Management, page A-4](#)



Note

This appendix only provides information on CDEs that were shipped after December 1, 2006 and contain the Lindenhurst chipset. For information on CDEs that were shipped before December 1, 2006 and contain the Serverworks chipset, see [Appendix C, “CDEs with Serverworks Chipset.”](#)

Specifications

This section contains the technical specifications for the CDEs.

CDE100

Rack Units	1
Storage	290-GB SCSI (4x 73-GB SCSI disks)
Memory	4 Gigabytes DRAM
Network interfaces	Two 10/100/1000BASE-T (Copper)
Other interfaces	One serial port for console
Compact Flash	128MB
Optical drive	CD/DVD-ROM
Power	100–240 VAC; single, internal power supply
Power rating	350 W peak
Humidity	5 to 95% noncondensing
Operating temperature	0 to 50°C (32 to 122° F)
Altitude	–60 to 4000 m
Dimensions (H x W x D)	1.75 x 19 x 27.6 in. (4.45 x 48.26 x 70.10 cm)
Weight (fully configured)	35 lb (15.88 kg)
Approvals: Safety	UL 1950, 3rd edition
Approvals: EMC	FCC Part 15 Class A (USA)

CDE200

Rack units	2
Storage	6-TB SATA (12x 500-GB SATA)
Memory	8 Gigabytes DRAM
Network interfaces	Copper: Four 10/100/1000BASE-T Fiber: Four 1000BASE-SX
Other interfaces	Two 10/100/1000BASE-T on motherboard, one for out-of-band management; One serial port for console
Compact Flash	128MB
Optical drive	None
Power	115–240 VAC or –48 VDC; Redundant power supplies included
Power rating	500 W
Humidity	5 to 95% noncondensing
Operating temperature	0 to 50°C (32 to 122° F)
Altitude	–60 to 4000m
Dimensions (H x W x D)	3.50 x 17.50 x 28.50 in. (8.90 x 44.45 x 72.39 cm)
Weight (fully configured)	53.5 lb (24.27 kg)
Approvals: Safety	UL 1950, 3rd edition
Approvals: EMC	FCC Part 15 Class A (USA)

CDE300

Rack units	3
Storage	1.15-TB SCSI (16x 73-GB SCSI disks)
Memory	16 Gigabytes DRAM
Network interfaces	Copper: Twelve 10/100/1000BASE-T; Fiber: Eight 1000BASE-SX
Other interfaces	Two 10/100/1000BASE-T on motherboard of which one used for out-of-band management; One serial port for console
Compact Flash	None
Optical drive	None
Power	100–240 VAC or –48 VDC; Redundant power supplies included
Power rating	650 W peak; 506 W nominal
Humidity	5 to 90% noncondensing
Operating temperature	0 to 50°C (32 to 122° F)
Altitude	–60 to 4000m
Dimensions (H x W x D)	4.75 x 17.25 x 27.50 in. (12.1 x 43.8 x 69.9 cm)
Weight (fully configured)	125 lb (56.7 kg)
Approvals: Safety	UL 1950, 3rd edition
Approvals: EMC	FCC Part 15 Class A (USA)

CDE400

Rack units	4
Storage	12-TB SATA (24x 500-GB SATA disks)
Memory	4 Gigabytes DRAM
Network interfaces	Copper: Six 10/100/1000BASE-T; Fiber: Six 1000BASE-SX
Other interfaces	Two 10/100/1000BASE-T on motherboard, one for out-of-band management and one for Ingest; One serial port for console
Compact Flash	None
Optical drive	None
Power	100–240 VAC or –48 VDC; Redundant power supplies included
Power rating	950 W peak; 627 W nominal
Humidity	5 to 95% noncondensing
Operating temperature	0 to 50°C (32 to 122° F)
Altitude	–60 to 4000m
Dimensions (H x W x D)	7.00 x 17.25 x 26.50 in. (17.8 x 43.8 x 67.3 cm)
Weight (fully configured)	150 lb (68.0 kg)
Approvals: Safety	UL 1950, 3rd edition
Approvals: EMC	FCC Part 15 Class A (USA)

Management

Data Rate	2 Gbps maximum
Ports	Console port: DB-9 RS-232 10/100/1000 Mbps Ethernet interface: RJ-45 (management)
Input Cables	For console port: DB-9 female serial cable For Ethernet interface: RJ-45 Category 5E or higher cable