

Cisco Application Deployment Engine 2120

Product Overview

Cisco® Application Deployment Engine (ADE) 2120 is a rack mountable standardized platform for Cisco appliance-based applications. Depending on the software packages with which Cisco ADE 2120 is deployed, its configuration can vary. However, all Cisco ADE 2120 platform products share a common base configuration:

- Intel Core2 Duo 2.13GHz processor
- A minimum of 1 gigabyte of Error Correcting Code (ECC) RAM
- Two integrated 10/100/1000T gigabit Ethernet network interface ports
- Two Serial-ATA hard disk drive bays, populated with a minimum of one 250 GB high-duty-cycle drive
- Capability for RAID 0 or 1 support (Note: Requires two drives and configuration/support by the hosted application)
- Rack rails suitable for racking the system in either a 2-post telco-style rack or a 4-post server rack (Note: actual rails included with the appliance will be determined at time of order)
- 1 rack unit (RU) (1.7 in. / 4.3 cm height) form factor, 20.0 in. / 50.8 cm depth

Primary Features and Benefits

Performance

Cisco ADE 2120 is a robust computing platform designed to support Cisco appliance-based applications.

Memory

Cisco ADE 2120 supports up to 4 GB of memory (Cisco part number CADE-RAM-15EU) with server-grade error correction.

Variable-Speed Fan Support

Cisco ADE 2120 includes variable-speed fans to reduce operating noise. Through the use of temperature sensors within the server, the speed of the fans is adjusted to maintain the proper cooling. This reduces the noise generated by the fans by operating them only when required and at a speed based upon the cooling requirements.

Service and Customer Support

Service Plans

Cisco ADE 2120 platform applications will be supported by and stocked in Cisco global spares depots. Cisco ADE 2120 will offer service plans for the basic SMARTnet® contracts.

System Diagnostic LEDs

Cisco ADE 2120 provides a bank of system-diagnostic LEDs on the front of the system to assist Cisco support engineers in identifying the system state and any potential issues.

Product Specifications

Table 1 lists the specifications for Cisco ADE 2120.

Table 1. Cisco Application Deployment Engine 2120 Specifications.

Processor	
Processor (CPU)	X86 architecture CPU
Processors installed	1
Basic input/output system (BIOS) type	Flash memory
Memory	
Memory maximum	Up to 4 GB (Using 1 GB DIMM Modules)
Hard Disk	
Hard disk bays	2
Hard disk interface type	Serial-ATA
MTBF of hard drives	1.0 Mhours (40C)
Power-on hours	24h / 7d (70–80% duty cycle)
Optical Storage	
DVD-ROM	1 front accessible (8X DVD read, 24X CD read)
Interfaces	
Ethernet	2 x 10/100/1000 RJ-45 interfaces
Serial ports	1
USB 2.0 ports	3 (1 at front and 2 at back of chassis)
Power	
Maximum power consumption	540W (maximum input, power supply rating) 350W (maximum output, power supply rating)
Autoranging AC input	Yes
PFC	Yes
Input low range	100 to 120 (nominal) VAC; 50–60 Hz
Input high range	200 to 240 (nominal) VAC; 50–60 Hz
Input kilovolt-amperes (kVA) approximately	Maximum configuration 0.290 kVA
Environmental	
Air temperature – Server on	50 to 95F (10 to 35°C)
Air temperature – Server off	–104 to 158F (–40 to 70°C)
Humidity	Server off: 95%, noncondensing at +35°C
Cooling system	3 fans installed (two are in the power supply) 2 blowers installed
Dimensions	
Form factor	1 rack-mount unit
Rack mounting	2-post, 4-post rack mounting options available
Weight	15.0 lb (6.8 kg), base chassis
Height	1.7 in. (43 mm)
Width	17.0 in. (432 mm)
Depth	20.0 in. (508 mm) without bezel or mounting hardware

Regulatory Standards Compliance: Safety and EMC		
Specification	Description	Comments
Regulatory Compliance	Products with the CE Marking indicate compliance with the 89/336/EEC (replaced by 2004/108/EC effective 20th July 2007) and 2006/95/EC directives	
Safety	UL 60950 CAN/CSA-C22.2 No. 60950 EN 60950 IEC 60950 AS/NZS 60950	ITE ITE ITE ITE ITE
EMC - Emissions	47CFR Part 15 Class A AS/NZS CISPR22 Class A CISPR22 Class A EN55022 Class A ICES003 Class A VCCI Class A EN61000-3-2 EN61000-3-3 KN22 Class A CNS13438 Class A	ITE ITE ITE ITE ITE ITE ITE ITE Korea if applicable Taiwan if applicable
EMC - Immunity	EN50082-1 EN61000-6-1 EN55024 CISPR24 KN immunity series	ITE ITE ITE ITE Korea – ITE/TNE

Service and Support

Cisco offers a wide range of services programs to accelerate customer success. These innovative services programs are delivered through a unique combination of people, processes, tools, and partners, resulting in high levels of customer satisfaction. Cisco services help you protect your network investment, optimize network operations, and prepare the network for new applications to extend network intelligence and the power of your business. For more information about Cisco services, refer to [Cisco Technical Support Services](#) or [Cisco Advanced Services](#).

Warranty Information

Cisco offers a 90-day limited hardware warranty standard on Cisco ADE platforms. For terms and conditions of this warranty, refer to http://www.cisco.com/univercd/cc/td/doc/es_inpk/901cen_.htm. Exceptions are not made unless through the process described in Section 3.2 of the [Cisco Warranty Policy](#).



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