

Cisco Application Deployment Engine 2130

Product Overview

Cisco® Application Deployment Engine (ADE) 2130 is a standardized platform for Cisco appliance-based applications. Depending on the software packages with which Cisco ADE 2130 is deployed, its configuration can vary. However, all Cisco ADE 2130 platform products share a common base configuration:

- Intel quad-core processor
- Up to 16 GB error-correcting code (ECC) RAM
- Two integrated 10/100/1000T Gigabit Ethernet network interface ports
- Six Serial Attached SCSI (SAS) hard drive bays, which may be populated with hot-swappable, Redundant Array of Independent Drives (RAID) -configurable, server-grade drives.
- Rack-rail options suitable for either a two-post telco-style rack or a four-post server rack
- 2 rack-mount unit (3.4 in./8.7 cm height) form factor, 20.2 in./51.2 cm depth
- Peripheral Component Interconnect (PCI) expansion slots

Primary Features and Benefits

Performance

Cisco ADE 2130 is a high-performance computing platform designed to support Cisco appliance-based applications.

Memory

Cisco ADE 2130 supports up to 16 GB of memory with server-grade error correction.

Variable-Speed Fan Support

Cisco ADE 2130 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. Noise generated by the fans is reduced by operating them only when required and at a speed based upon the cooling requirements.

Service and Customer Support

Service Plans

Cisco ADE 2130 platform applications will be supported by and stocked in Cisco global spares depots. Cisco ADE 2130 will offer service plans for the basic SMARTnet® contracts.

System-Diagnostic LEDs

Cisco ADE 2130 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 2130.

Table 1. Cisco Application Deployment Engine 2130 Specifications

Processor	
Processor (CPU)	X86 architecture CPU
Processors installed	1 quad core
Basic input/output system (BIOS) type	Flash memory
Memory	
Memory maximum	Up to 16 GB
Hard Disk	
Hard disk bays	6
Hard disk interface type	Serial Attached SCSI
Mean time between failure (MTBF) of hard drives	1.0 Mhours (40C)
Power-on hours	24 hours/7 days (70–80 percent duty cycle)
RAID configuration	Hardware RAID through integrated Intel hardware RAID controller (optional) Battery-backed write cache – configurable to 512 MB Software RAID configurable (0, 1, 5, 10, 50)
Hot swappable	Yes
Optical Storage	
DVD-ROM	1 front accessible (8X DVD read, 24X CD read)
Interfaces	
Ethernet	2 x 10/100/1000 RJ-45 interfaces (2 more optional)
Serial ports	1
USB 2.0 ports	3 (1 at front and 2 at back of chassis)
Expansion Options	
PCI non-hot-swappable plug slots: 133-MHz and 64-bit slots	3 133 MHz PCI-X slots, FH and FL 2 x 4 PCI-E slots (low profile)
Power	
Maximum power consumption	980 W (maximum input, power supply rating) 600 W (maximum output, power supply rating)
Autoranging AC input	Yes
PFC (Power factor correction)	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 95°F (10 to 35°C)
Air temperature – Server off	–40 to 158°F (–40 to 70°C)
Humidity	Server off: 95 percent, noncondensing at +35°C
Cooling system	3 fans installed (two are in the power supply) 2 blowers installed
Dimensions	
Form factor	2 rack-mount unit
Rack mounting	2-post, 4-post rack-mounting options available
Weight	35.0 lb (15.8 kg), base chassis
Height	3.45 in. (88 mm)

Width	17.0 in. (432 mm)	
Depth	20.0 in. (508 mm) without bezel or mounting hardware	
Equipment Approvals and Safety		
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 20 July 2007) and 2006/95/EC directives.	
Safety	UL 60950 CAN/CSA-C22.2 No. 60950 EN 60950 IEC 60950 AS/NZS 60950	Information Technology Equipment (ITE) ITE ITE ITE ITE
Electro Magnetic Compatibility (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 [Cisco 90-Day Limited Hardware Warranty Terms](#).



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