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INTELLIGENT LUMEN IL SERVER

IL Server provides a secure web-based interface to monitor, manage and analyze energy savings and other data collected by the system.

The IL Server translates data from the sensor network into detailed energy and occupancy insights around the clock. IL Server stores the web-based user interface for the management of the lighting system.

SPECIFICATIONS

Intel Xeon E3-1230 v6 3.5 GHz, 8M cache, 4 Cores / 8 Threads
2400 MT/s UDIMMs 2 x 8GB 2400 MT/s DDR4 ECC UDIMM
C8 - RAID 1, H330/H730 for SAS/SATA, PERC H330 Integrated RAID Controller for Hot Plug
2 x 480 GB Solid State Drive SATA Intensive 6 Gbps 512e 2.5 in Hot-plug Drive
Dual, Hot-plug, Redundant Power Supply, 350W
European Power Cord 220V
iDRAC8 Express, integrated Dell Remote Access Controller, Express On-Board LOM 1GBE
Dual port (BCM5720 GbE LOM)
Dell EMC 1U Standar Bezel
Siliding Rails Without Cable Management
Arm DVD +/- RW SATA Internal
Trusted Platform Module 1.2 v 2

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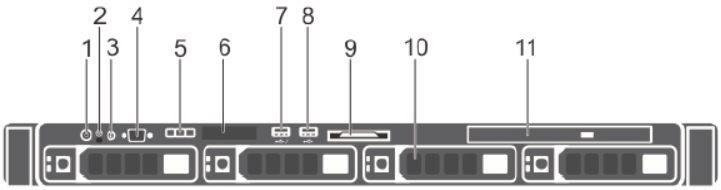
FEATURES

Front panel



Item	Indicator, button, or connector	Icon	Description
1	Power-on indicator, power button		Enables you to know the power status of the system. The power-on indicator glows when the system power is on. The power button controls the power supply output to the system. **Note:** On ACPI-compliant operating systems, turning off the system by pressing the power button causes the system to perform a graceful shutdown befores power to the system is turned off.
2	NMI Button		Enables you to troubleshoot software and device driver error when running certain operating systems. This button can be pressed by using the end of a paper clip. Use this button only if directed to do so by a qualified support personnel or by the operating system's documentation.
3	System identification button		Enables you to locate a particular system within a rack. The identification buttons are on the front and back panels. When one os these buttons is pressed, the LCD panel on the front and the system status indicator on the back flash until one of the buttons is pressed again. Press the system identification button to turn the system ID on or off. If the system stops respondingduring POST, press and hold the system ID button for more than five seconds to enter BIOS progress mode. To reset iDRAC (if not disables in F2 iDRAC setup), press and hold the button for more that 15 seconds.

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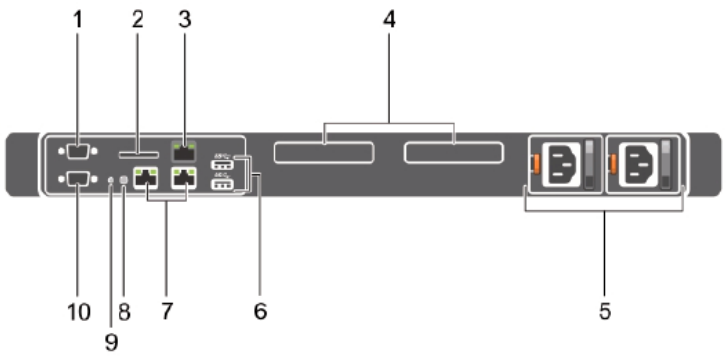
4	Video connector		Enables you to connect a display to the system
5	LCD menu buttons		Enables you to navigate the control panel LCD menu.
6	LCD panel		Displays system ID, status information, and system error messages. See the LCD panel features section.
7	USB management port/ iDRAC managed USB port		Functions as a regular USB port or provide access to the iDRAC Direct features. For more information, see the iDRAC User's Guide at: Dell.com/idracmanuals
8	USB connector		Enables you to connect USB devices to the system. The port is USB 2.0 compliant.
9	Information tag		Contains system information such as service tag, NIC, MAC adress for your reference. The information tag is a slide-out label panel.
10	Hard drives slots		Enables you to install up to four 3.5-inch hot-swappable hard drives or four 2.5-inch hot-swappable hard drives in 3.5-inch hard drive adapters.
11	Optical drive slot		Enables you to install an optional slim SATA DVD-ROM drive or DVD +/- RW drive.

Back panel



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FEATURES

1	Serial connector	10101	Enables you to connect a serial device to the system.
2	vFlash card slot (optional)		Enables you to connect the vFlash card.
3	iDRAC port (optional)		Enables you to install a dedicated management port card
4	PCIe expansion card slots (2)		Enables you to connect PCI Express expansion cards.
5	Power supply unit (PSU1 and PSU2)		Enables you to install up to two 350 W redundat AC power supply units
6	USB connectors	SS	Enables you to connect USB devices to the system. These ports are USB 3.0-compliant.
7	Ethernet connectors		Enables you to connect integrated 10/100/1000 Mbps NIC connectors.
8	System identification button		Enables you to locate a particular system within a rack. The identification buttons are on the front and back panels. When one os these buttons is pressed, the LCD panel on the front and the system status indicator on the back flash until one of the buttons is pressed again. Press the system identification button to turn the system ID on or off. If the system stops respondingduring POST, press and hold the system ID button for more than five seconds to enter BIOS progress mode. To reset iDRAC (if not disables in F2 iDRAC setup), press and hold the button for more that 15 seconds.
9	System identification connector		Connects the optional system status indicator assembly through the optional cable management arm.

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POWER SPECIFICATIONS

Power supply unit

Power rating per power supply unit
350 W (Platinum) (100—240 V AC, 50/60 Hz, 4.8 A—2.4 A)
Heat dissipation
1357.1 BTU/hr

Voltage:

100-240 V AC, autoranging, 50/60 Hz

DIMENSIONS

LENGTH

Za: 10mm
Zb: 607.3 mm
Zc: 629.3 mm

WIDTH

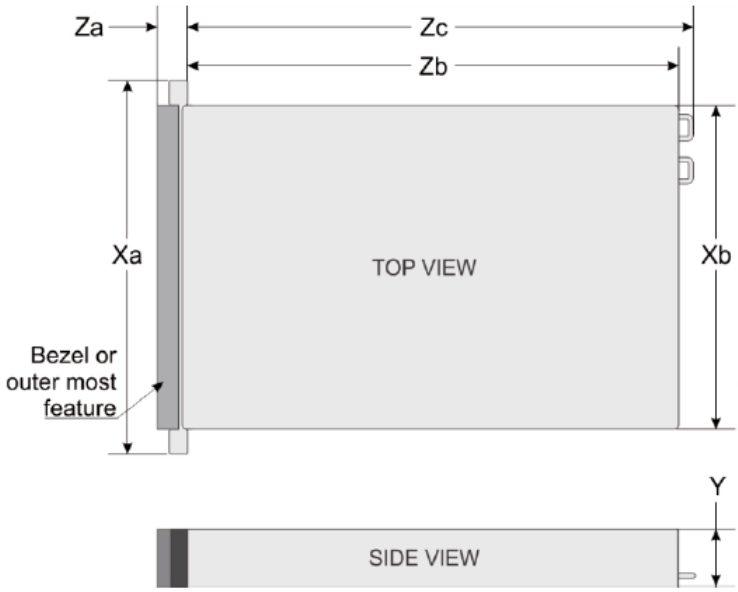
Xa: 482.4 mm
Xb: 434.0 mm

HEIGHT

Y: 42.8 mm

WEIGHT

26.02 kg



CERTIFICATION Y WARRANTY

Certification

Warranty 5-años

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SOFTWARE

Specifications:

80: Ubuntu 20.04 LTS
Core: Linux 4.15.0
Port / Service::
- 80 Apache
- 22 SSH
- 3306 MySQL
- 8000 WebSocketServer

Configuration SSD: RAID 1

Intelligent Lumen control application in Apache root directory.
By protocol, every time we perform remote assistance, we make a backup copy of our software to guarantee a backup of the previous state.

As a server backup method we use the RAID 1 configuration, in which the data is saved in duplicate to preserve it in the event of malfunction.