

Physical to Logical Port Assignment

Technical Note

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Table of Contents

1 Introduction **4**

1.1 Document Purpose 4

1.2 Intended Audience 4

2 Logical Port Label Assignment **5**

2.1 LoadMaster LM-X1 5

2.2 LoadMaster LM-X3 7

2.3 LoadMaster LM-X15 and LM-X15-MT 9

2.4 LoadMaster LM-X25 and LM-X25-MT 12

2.5 LoadMaster LM-X40, LM-X40M, and LM-X40-MT 16

2.6 LoadMaster LM XHC 25G 19

2.7 LoadMaster LM XHC 40G 22

2.8 LoadMaster LM XHC 100G 25

2.9 LoadMaster LM 8020-FIPS 28

2.10 LoadMaster LM-8020 and LM-8020M 31

2.11 LoadMaster LM-8000 and 8010-MT 36

2.12 LoadMaster LM-5600 and LM-5610-MT 39

2.13 LoadMaster LM-4000 42

2.14 LoadMaster LM-3400 47

2.15 LoadMaster LM-3000 48

Last Updated Date **51**

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1 Introduction

There are a variety of hardware LoadMaster models to choose from. For details on each, consult the Kemp website: www.kemptechnologies.com.

The physical network ports and their logical assignment varies between models depending on the underlying hardware platform used.

1.1 Document Purpose

This document provides details on all visible connections and indicators on each hardware LoadMaster. This includes outlining the total number of Ethernet and Small Form-factor Pluggable (SFP+) ports on each model. Because the physical port labels on each LoadMaster model may vary, this document shows the factory default logical port label assignment.

1.2 Intended Audience

This document is intended to be read by anyone who is interested in finding out the logical port label assignment when installing a hardware LoadMaster.

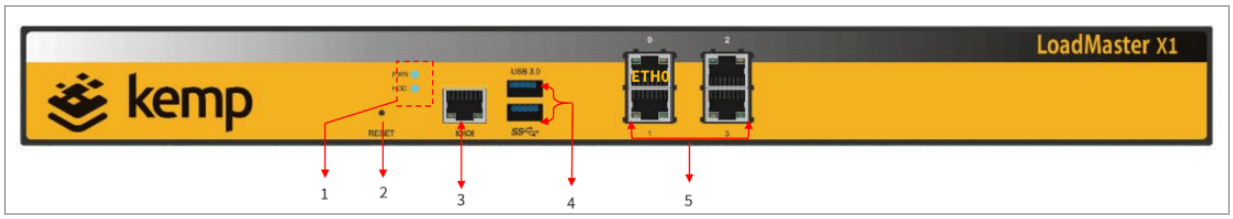
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2 Logical Port Label Assignment

Refer to the sections below for details on the logical port label assignment.

2.1 LoadMaster LM-X1

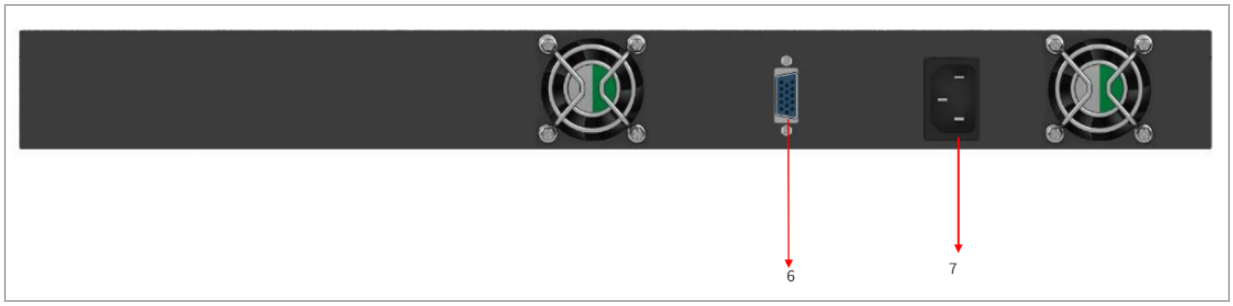
Port Location - Front Panel



Item No.	Item	Description	Notes
1.	PWR LED	LED – Blue	Power on indicator
		LED – Off	Power off indicator
	HDD LED	LED – Blinking amber	Indicates HDD operating normal
		LED – Off	Indicates no activity of HDD
2.	Reset	Reset LoadMaster	System reset
3.	RJ45 console port	RJ45 Console Connection	Allows RJ45 console devices to connect to the system
4.	USB Ports	USB 3.0 Ports (x2)	Allows USB devices to connect to the system
5.	1 Gb copper ethernet ports	1 Gigabit Ethernet (GbE) Copper (RJ45) ports (x4)	Logical Assignment Port 0:3 map to ETH0:ETH3
		Activity LED – Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED – On	Link - connection established
		Link LED – Off	No link (cable disconnected)

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Port Location - Rear Panel

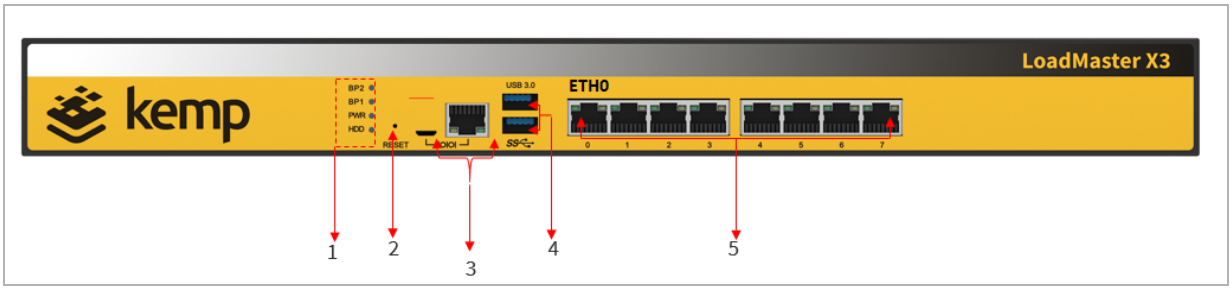


Item No.	Item	Description	Notes
6.	Video Graphics Array (VGA) port	Standard VGA interface	Used to connect a VGA monitor
7.	Power supply	65W AC power supply	Power source for the system, refer to item 1 for status LED Indicators.

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2.2 LoadMaster LM-X3

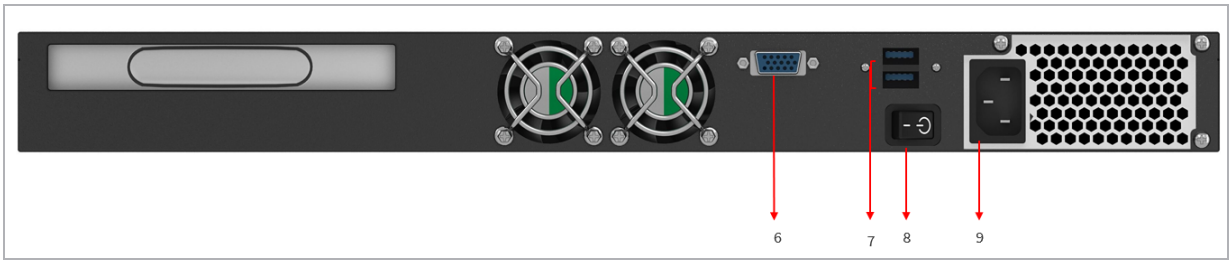
Port Location - Front Panel



Item No.	Item	Description	Notes
1.	PB2 LED PB1 LED	Not used Not used	Not used Not used
	PWR LED	LED – Green	Power on indicator
		LED – Off	Power off indicator
	HDD LED	LED – Blinking amber	Indicates HDD activity
		LED – Off	Indicates no HDD activity
2.	Reset	Reset LoadMaster	System reset
3.	RJ45/Micro USB type console ports	RJ45 Console Connection	Allows RJ45 console devices to connect to the system
4.	USB Ports	USB 3.0 Ports (x2)	Allows USB devices to connect to the system
5.	1 Gb copper ethernet ports	1 GbE copper (RJ45) ports (x8)	Logical Assignment Port 0:7 map to ETH0:ETH7
		Activity LED – Blinking	Indicates data activity
		Activity LED - Off	Indicates no data activity
		Link LED – On	Indicates data 1 Gb and 10/100 Mb
		Link LED – Off	Indicates no link

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Port Location - Rear Panel

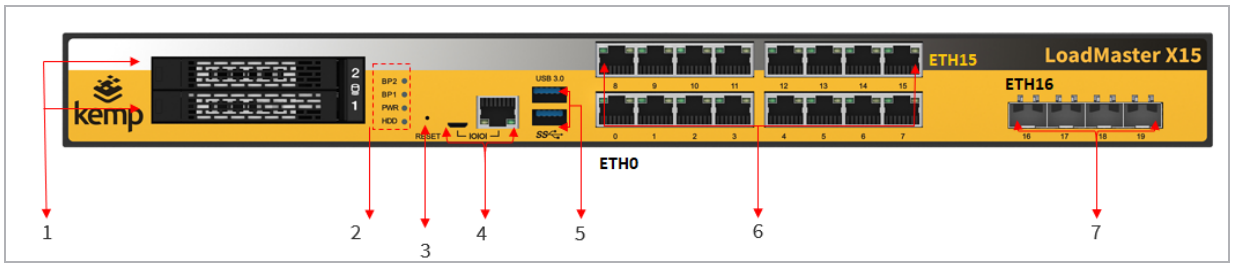


Item No.	Item	Description	Notes
6.	VGA Port	Standard VGA interface	Used to connect a VGA monitor
7.	USB Ports	USB 2.0 Ports (x2)	Allows USB devices to connect to the system
8.	Power switch	Press to power-on or power-off the system On/off switch	Press to power on or power off the system
9.	Power supply	300W AC power supply	Power source for the system, refer to item 1 for status LED Indicators.

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2.3 LoadMaster LM-X15 and LM-X15-MT

Port Location - Front Panel



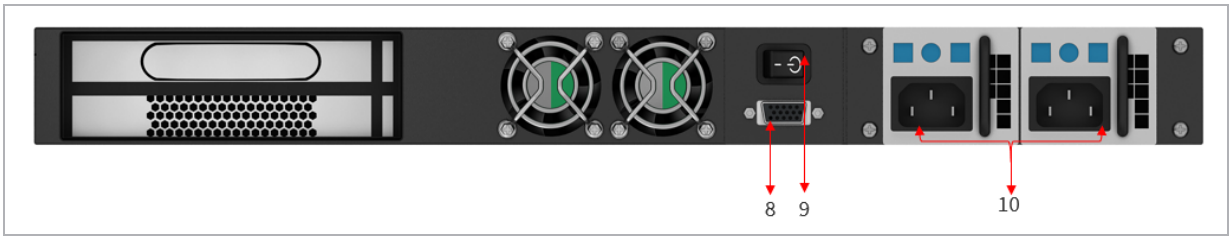
Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	RAID 1 (mirroring) Hot-Swap Disk (x2)	Disk mirroring - replicating of data to two or more disks
		HDD LED - Green	Indicates HDD operating normal
		HDD LED - Red	Indicates possible HDD issue (contact Kemp Customer Support)
		Rebuild LED - Blinking amber	Indicates HDD rebuilding process (could take several hours to complete)
2.	PB2 LED PB1 LED	Not used Not used	Not used Not used
	PWR LED	LED – Green	Power on indicator
		LED – Off	Power off indicator
	HDD LED	LED – Amber	Indicates HDD activity
		LED – Off	Indicates no HDD activity
3.	Reset	Reset LoadMaster	System reset
4.	RJ45/Micro USB type console ports	RJ45/micro USB type Console Connection	Allows RJ45/micro USB console devices to

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			connect to the system
5.	USB Ports	USB 3.0 Ports (x2)	Allows USB devices to connect to the system
6.	1 Gb Ethernet ports	1 GbE copper (RJ45) ports (x16)	Logical Assignment Port 0:15 map to ETH0:ETH15
		Activity LED – Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED – On	Link - connection established
		Link LED – Off	No link (cable disconnected)
7.	10 Gb Fiber SFP+ ports	10 Gbps Fiber SFP+ Ports (x4)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 16:19 map to ETH16:ETH19
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)

Port Location - Rear Panel

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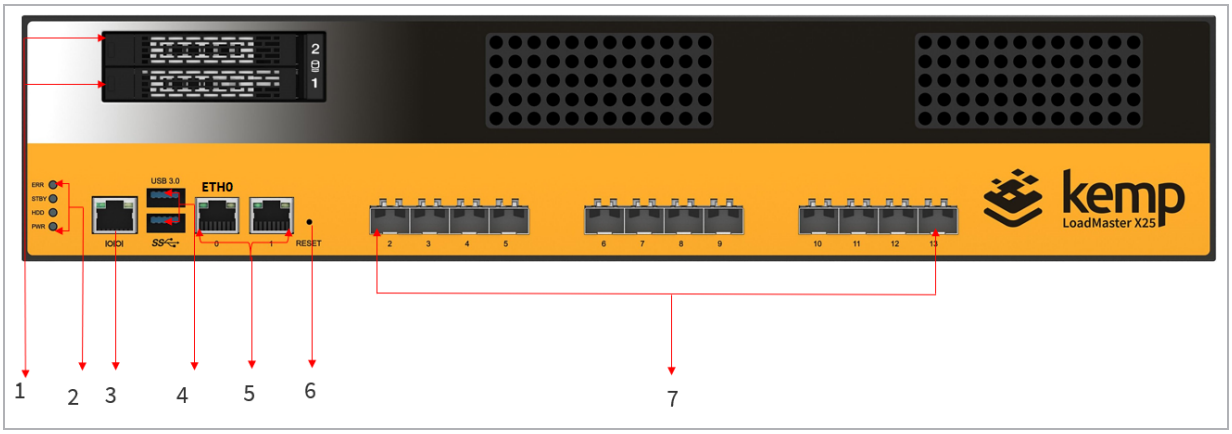


No	Item	Description	Notes
8.	VGA port	Standard VGA interface	Used to connect a VGA monitor
9.	Power switch	On/off switch	Press to power on or power off the system
10.	Dual Hot-Swap power supply	450W 1+1 redundant power supply	Power source for the system, refer to item 2 for status LED Indicators.
		LED - Green	Indicates power on mode
		LED - Blinking green	Indicates standby mode
		LED - Blinking red with high pitch sound	Indicates a loss of power supply redundancy and/or an issue with the power supply

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2.4 LoadMaster LM-X25 and LM-X25-MT

Port Location - Front Panel



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	RAID 1 (mirroring) Hot-Swap Disk (x2)	Disk mirroring - replicating of data to two or more disks
		HDD LED - Green	Indicates HDD operating normal
		HDD LED - Red	Indicates possible HDD issue (contact Kemp Customer Support)
		Rebuild LED - Blinking amber	Indicates HDD rebuilding process (could take several hours to complete)
2.	ERR LED	Error LED - Red	Indicates if the system is experiencing an error during operation (contact Kemp Customer Support)

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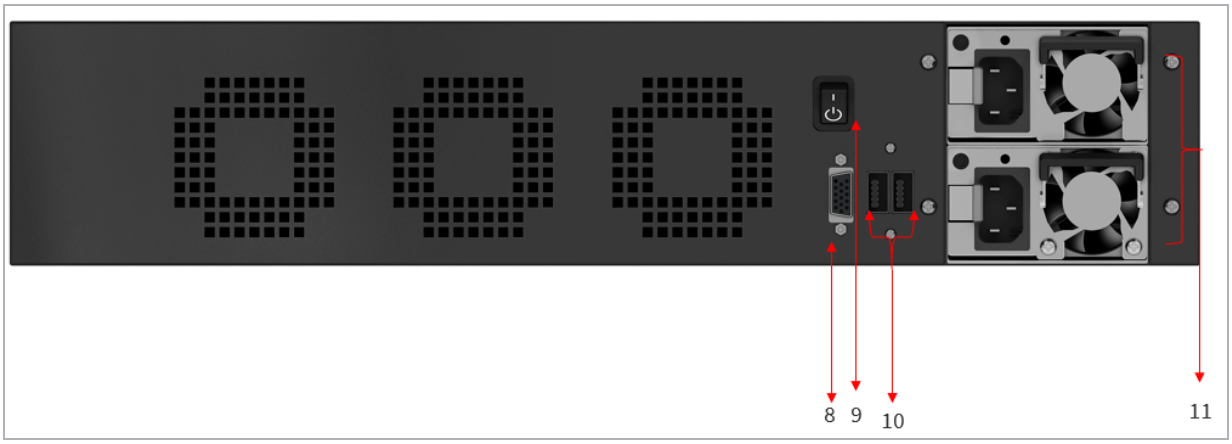
	STBY LED	Standby LED – Amber	Indicates that the system is in sleep mode
	HDD LED	LED – Amber	Indicates HDD activity
		LED - Off	Indicates no HDD activity
	PWR LED	LED - Green	Power on indicator
		LED - Off	Power off indicator
3.	RJ45 console port	RJ45 Console Connection	Allows RJ45 console devices to connect to the system
4.	USB Ports	USB 3.0 Ports (x2)	Allows USB devices to connect to the system
5.	1 Gb Ethernet Ports	1 GbE Copper (RJ45) Ports (x2)	Logical Assignment Port 0:1 map to ETH0:ETH1
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
6.	Reset	Reset LoadMaster	System reset
7.	10Gb Fiber SFP+ Ports	10 Gbps SFP+ Ports (x12)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment

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		Port 2:13 map to ETH2:ETH13
	Activity LED - Blinking	Indicates network activity
	Activity LED - Off	Indicates no network activity
	Link LED - On	Link - connection established
	Link LED - Off	No link (cable disconnected)

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Port Location - Real Panel

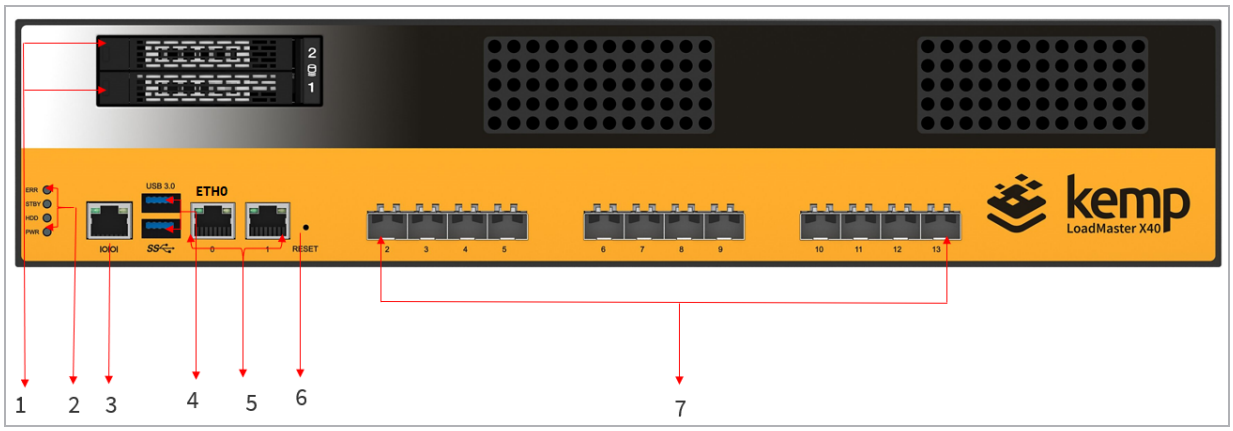


Item No.	Item	Description	Notes
8.	VGA port	Standard VGA interface	Used to connect a VGA monitor
9.	Power switch	On/off switch	Press to power on or power off the system
10.	USB Ports	USB 2.0 Ports (x2)	Allows USB devices to connect to the system
11.	Dual Hot-Swap Power Supply	700W 1+1 redundant power supply	Power source for the system, refer to item 2 for status LED Indicators.
		LED - Green	Indicates power on mode
		LED - Blinking green	Indicates standby mode
		LED - Amber	Indicates loss of power supply redundancy and/or issue with power supply

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2.5 LoadMaster LM-X40, LM-X40M, and LM-X40-MT

Port Location - Front Panel



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	RAID 1 (mirroring) Hot-Swap Disk (x2)	Disk mirroring - replicating of data to two or more disks
		HDD LED - Green	Indicates HDD operating normal
		HDD LED - Red	Indicates possible HDD issue (contact Kemp Customer Support)
		Rebuild LED - Blinking amber	Indicates HDD rebuilding process (could take several hours to complete)
2.	ERR LED	Error LED - Red	Indicates that the system is experiencing an error during operation (contact Kemp Customer Support)

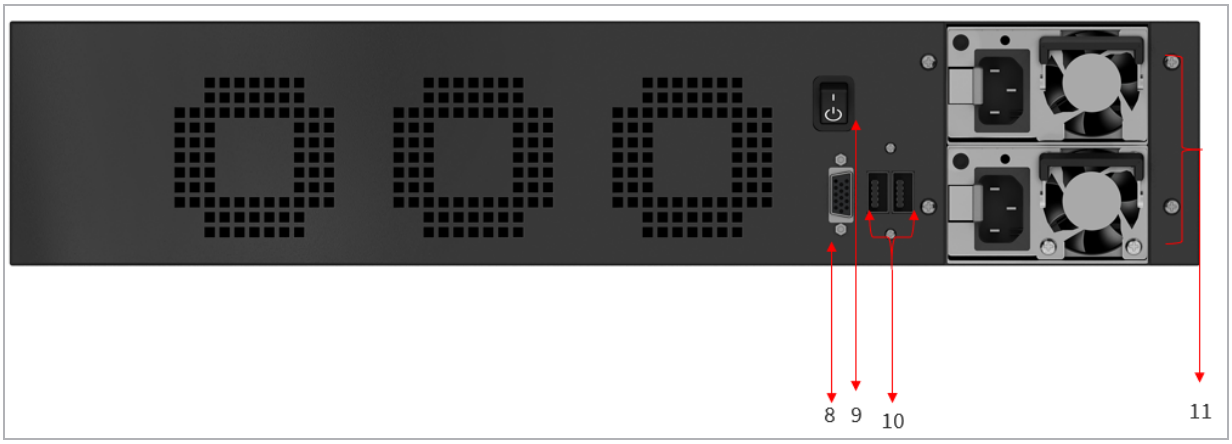
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	STBY LED	Standby LED – Amber	Indicates that the system is in sleep mode
	HDD LED	LED – Amber	Indicates HDD activity
		LED – Off	Indicates no HDD activity
	PWR LED	LED - Green	Power on indicator
		LED - Off	Power off indicator
3.	RJ45 console port	RJ45 Console Connection	Allows RJ45 console devices to connect to the system
4.	USB Ports	USB 3.0 Ports (x2)	Allows USB devices to connect to the system
5.	1 Gb Ethernet Ports	1 GbE Copper (RJ45) Ports (x2)	Logical Assignment Port 0:1 map to ETH0:ETH1
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
6.	Reset	Reset LoadMaster	System reset
7.	10 Gb Fiber SFP+ Ports	10 Gbps SFP+ Ports (x12)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 2:13 map to ETH2:ETH13
		Activity LED - Blinking	Indicates network

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		activity
	Activity LED - Off	Indicates no network activity
	Link LED - On	Link - connection established
	Link LED - Off	No link (cable disconnected)

Port Location - Real Panel

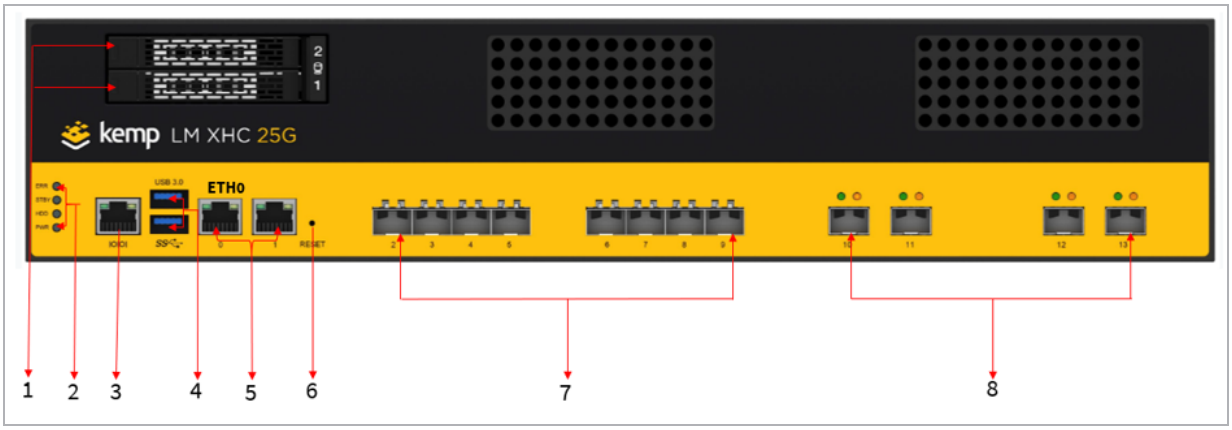


Item No.	Item	Description	Notes
8.	VGA port	Standard VGA interface	Used to connect a VGA monitor
9.	Power switch	On/off switch	Press to power on or power off the system
10.	USB ports	USB 2.0 Ports (x2)	Allows USB devices to connect to the system
11.	Dual Hot-Swap Power Supply	700W 1+1 redundant power supply	Power source for the system, refer to item 2 for status LED Indicators.
		LED - Green	Indicates power on mode
		LED - Blinking green	Indicates standby mode
		LED - Amber	Indicates loss of power supply redundancy and/or issue with power supply

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2.6 LoadMaster LM XHC 25G

Port Location - Front Panel



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	RAID 1 (mirroring) Hot-Swap Disk (x2)	Disk mirroring - replicating of data to two or more disks
		HDD LED - Green	Indicates HDD operating normal
		HDD LED - Red	Indicates possible HDD issue (contact Kemp Customer Support)
		Rebuild LED - Blinking amber	Indicates HDD rebuilding process (could take several hours to complete)
2.	ERR LED	Error LED - Red	Indicates that the system is experiencing an error during operation (contact Kemp Customer Support)
	STBY LED	Standby LED - Amber	Indicates that the system is in sleep mode
	HDD LED	LED - Amber	Indicates HDD activity
		LED - Off	Indicates no HDD activity
	PWR LED	LED - Green	Power on indicator
		LED - Off	Power off indicator
3.	RJ45	RJ45 console	Allows RJ45 console devices to connect to the system

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	console port	connection	
4.	USB ports	USB 3.0 ports (x2)	Allows USB devices to connect to the system
5.	1 Gb Ethernet ports	1 GbE copper (RJ45) ports (x2)	Logical Assignment Port 0:1 map to ETH0:ETH1
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
6.	Reset	Reset LoadMaster	System reset
7.	10 Gb Fiber SFP+ ports	10 Gbps SFP+ ports (x8)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 2:9 map to ETH2:ETH9
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
8.	25 Gb Fiber SFP28 ports	25 Gb Fiber SFP28 ports (x4)	Requires SFP28 transceiver modules (purchase from Kemp) Logical Assignment Port 10:13 map to ETH10:ETH13
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity

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	Link LED - On	Link - connection established
	Link LED - Off	No link (cable disconnected)

Port Location - Real Panel

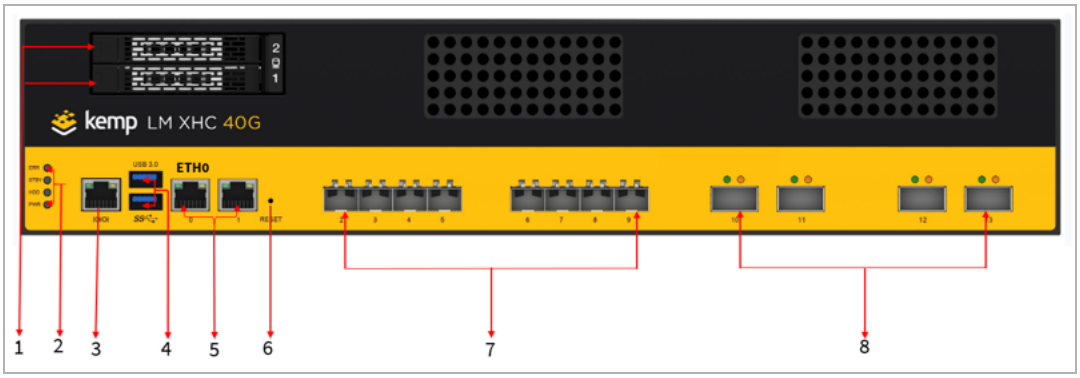


Item No.	Item	Description	Notes
9.	VGA port	Standard VGA interface	Used to connect a VGA monitor
10.	Power switch	On/off switch	Press to power on or power off the system
11.	USB ports	USB 2.0 ports (x2)	Allows USB devices to connect to the system
12.	Dual Hot-Swap Power Supply	700W 1+1 redundant power supply	Power source for the system. Refer to row 2 in the table above for LED status indicators.
		LED - Green	Indicates power on mode
		LED - Blinking green	Indicates standby mode
		LED - Amber	Indicates loss of power supply redundancy and/or issue with power supply

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2.7 LoadMaster LM XHC 40G

Port Location - Front Panel



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	RAID 1 (mirroring) Hot-Swap Disk (x2)	Disk mirroring - replicating of data to two or more disks
		HDD LED - Green	Indicates HDD operating normal
		HDD LED - Red	Indicates possible HDD issue (contact Kemp Customer Support)
		Rebuild LED - Blinking amber	Indicates HDD rebuilding process (could take several hours to complete)
2.	ERR LED	Error LED - Red	Indicates that the system is experiencing an error during operation (contact Kemp Customer Support)
	STBY LED	Standby LED - Amber	Indicates that the system is in sleep mode
	HDD LED	LED - Amber	Indicates HDD activity
		LED - Off	Indicates no HDD activity
	PWR LED	LED - Green	Power on indicator
		LED - Off	Power off indicator
3.	RJ45 console port	RJ45 console connection	Allows RJ45 console devices to connect to the system

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4.	USB ports	USB 3.0 ports (x2)	Allows USB devices to connect to the system
5.	1 Gb Ethernet ports	1 GbE copper (RJ45) ports (x2)	Logical Assignment Port 0:1 map to ETH0:ETH1
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
6.	Reset	Reset LoadMaster	System reset
7.	10 Gb Fiber SFP+ ports	10 Gbps SFP+ ports (x8)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 2:9 map to ETH2:ETH9
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
8.	40 Gb Fiber QSFP+ ports	40 Gb Fiber QSFP+ Ports (x4)	Requires QSFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 10:13 map to ETH10:ETH13
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)

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Port Location - Real Panel

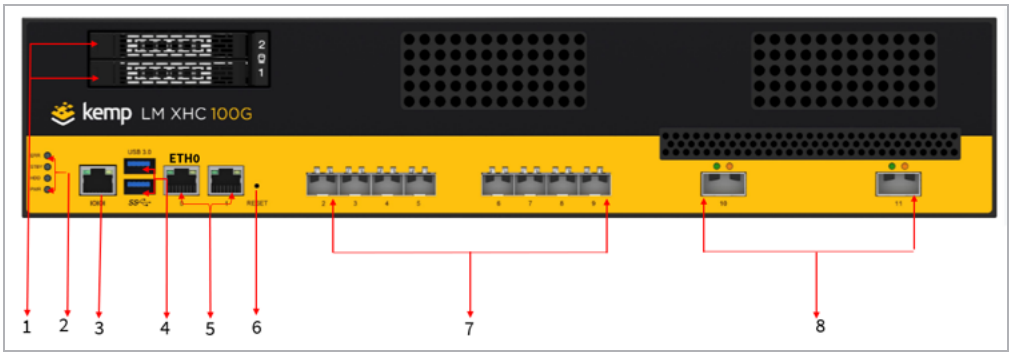


Item No.	Item	Description	Notes
9.	VGA port	Standard VGA interface	Used to connect a VGA monitor
10.	Power switch	On/off switch	Press to power on or power off the system
11.	USB ports	USB 2.0 ports (x2)	Allows USB devices to connect to the system
12.	Dual Hot-Swap Power Supply	700W 1+1 redundant power supply	Power source for the system. Refer to row 2 in the table above for LED status indicators.
		LED - Green	Indicates power on mode
		LED - Blinking green	Indicates standby mode
		LED - Amber	Indicates loss of power supply redundancy and/or issue with power supply

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2.8 LoadMaster LM XHC 100G

Port Location - Front Panel



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	RAID 1 (mirroring) Hot-Swap Disk (x2)	Disk mirroring - replicating of data to two or more disks
		HDD LED - Green	Indicates HDD operating normal
		HDD LED - Red	Indicates possible HDD issue (contact Kemp Customer Support)
		Rebuild LED - Blinking amber	Indicates HDD rebuilding process (could take several hours to complete)
2.	ERR LED	Error LED - Red	Indicates that the system is experiencing an error during operation (contact Kemp Customer Support)
	STBY LED	Standby LED - Amber	Indicates that the system is in sleep mode
	HDD LED	LED - Amber	Indicates HDD activity
		LED - Off	Indicates no HDD activity
	PWR LED	LED - Green	Power on indicator
		LED - Off	Power off indicator
3.	RJ45 console port	RJ45 console connection	Allows RJ45 console devices to connect to the system

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4.	USB ports	USB 3.0 ports (x2)	Allows USB devices to connect to the system
5.	1 Gb Ethernet ports	1 GbE copper (RJ45) ports (x2)	Logical Assignment Port 0:1 map to ETH0:ETH1
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
6.	Reset	Reset LoadMaster	System reset
7.	10 Gb Fiber SFP+ ports	10 Gbps SFP+ ports (x8)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 2:9 map to ETH2:ETH9
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
8.	100 Gb Fiber QSFP28 ports	100 Gb Fiber QSFP28 ports (x2)	Requires QSFP28 transceiver modules (purchase from Kemp) Logical Assignment Port 10:11 map to ETH10:ETH11
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)

Port Location - Real Panel

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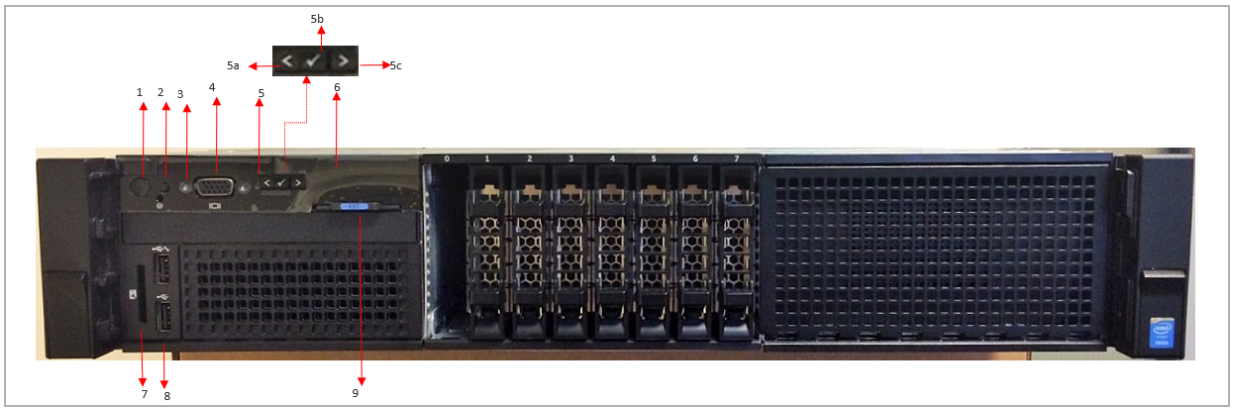


Item No.	Item	Description	Notes
9.	VGA port	Standard VGA interface	Used to connect a VGA monitor
10.	Power switch	On/off switch	Press to power on or power off the system
11.	USB ports	USB 2.0 ports (x2)	Allows USB devices to connect to the system
12.	Dual Hot-Swap Power Supply	700W 1+1 redundant power supply	Power source for the system. Refer to row 2 in the table above for LED status indicators.
		LED - Green	Indicates power on mode
		LED - Blinking green	Indicates standby mode
		LED - Amber	Indicates loss of power supply redundancy and/or issue with power supply

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2.9 LoadMaster LM 8020-FIPS

Port Location - Front Panel

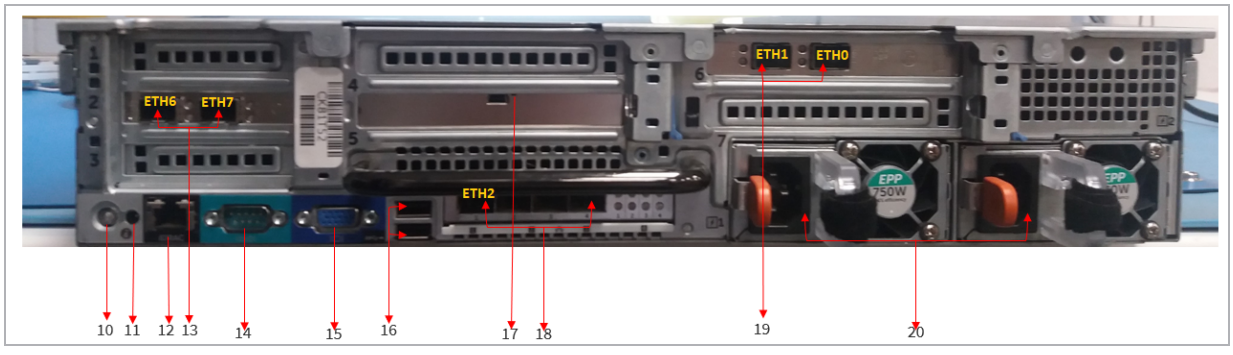


Item No.	Item	Description	Notes
1.	Power on indicator/Power button	LED - Green	Indicates power on
		LED - Off	Indicates power off
2.	NMI button	Not used	Not used
3.	System identification button	LED - Blinking	When pressed on either the front or rear panel, it flashes to locate the system in the rack. Press the button again to stop flashing.
4.	VGA Port	Standard VGA interface	Used to connect a VGA monitor
5.	LCD Menu buttons	Allows you to navigate the control panel LCD menu	
5a.	LCD Left button	Moves the cursor back in one-step increments	
5b.	LCD Select button	Selects the menu item highlighted by the cursor	

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5c.	LCD Right button	Moves the cursor forward in one-step increments	
6.	LCD panel	Displays the system ID, status information, and system error messages	
		LCD backlight Blue	Indicates normal system operation
		LCD backlight Amber	Indicates system error and displays the error code
		LCD backlight Off	Indicates system in standby mode. You can turn it on by pressing any of the LCD Menu buttons.
7.	SD card slot for vFlash	Not used	Not used
8.	USB Ports	USB 2.0 Ports (x2)	Allows you to connect USB devices to the system
9.	System service tag	A slide out label indicating the system service tag, MAC address, and NIC	

Port Location - Back Panel



Item No.	Item	Description	Notes

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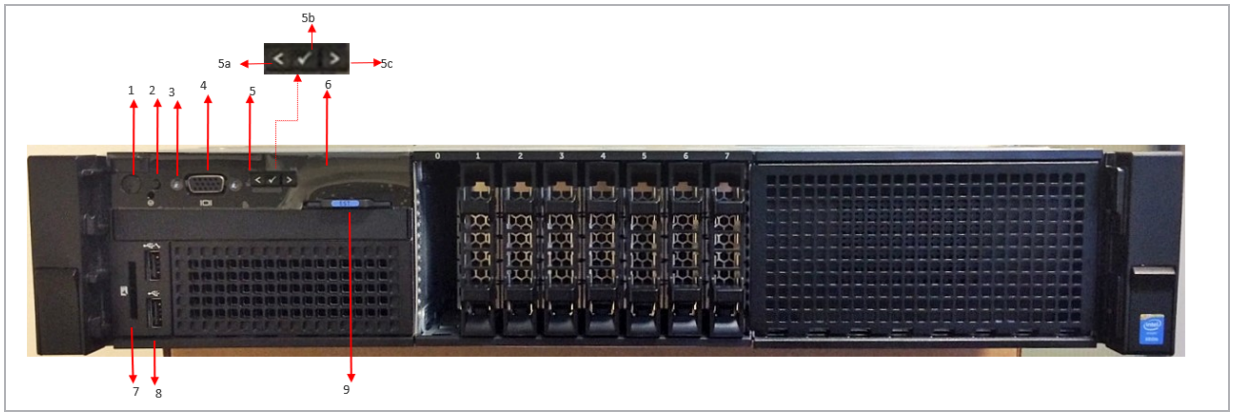
10.	System identification button	LED - Blinking	When pressed on either the front or rear panel, flashes to locate the system in the rack. Press the button again to stop flashing.
11.	System identification connector	Not used	Not used
12.	iDRAC8 port	Not used	Not used
13.	10Gb Fiber SFP+ Ports	10Gb SFP+ Ports (x2)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 6:7 map to ETH6:ETH7
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
14.	Serial Console Port	Serial console data interface	Used to connect a serial crossover cable to a console
15.	VGA Port	Standard VGA interface	Used to connect a VGA monitor
16.	USB Ports	USB 2.0 Ports (x2)	Allows USB devices to connect to the system
17.	10Gb Fiber SFP+ Ports	10 Gb SFP+ Ports (x2)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 2:5 map to ETH2:ETH5
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)

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18.	10Gb Fiber SFP+ Ports	10 Gb SFP+ Ports (x2)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 1:0 map to ETH1:ETH0
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
19.	Dual Hot-Swap Power Supply	750W 1+1 redundant power supply	Power source for the system, refer to item 1 for status LED Indicators.
		LED - Green	Indicates operating mode
		LED - Blinking amber	Indicates fault mode

2.10 LoadMaster LM-8020 and LM-8020M

Port Location - Front Panel



Item No.	Item	Description	Notes
1.	Power on indicator/power	LED - Green	Indicates power on

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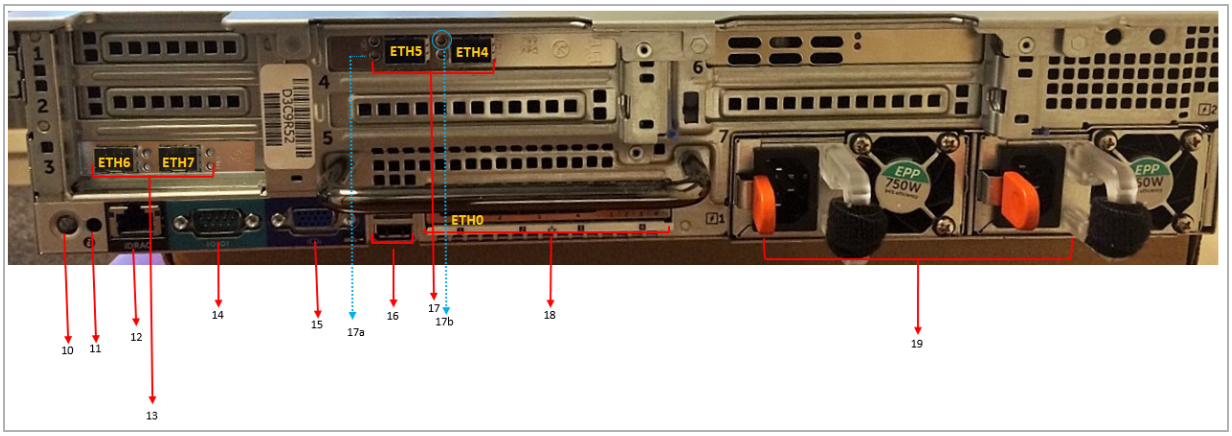
	button		
		LED - Off	Indicates power off
2.	NMI button	Not used	Not used
3.	System identification button	LED - Blinking	When pressed on either the front or rear panel, it flashes to locate the system in the rack. Press the button again to stop flashing.
4.	VGA Port	Standard VGA interface	Used to connect a VGA monitor
5.	LCD Menu buttons	Allows you to navigate the control panel LCD menu	
5a.	LCD Left button	Moves the cursor back in one-step increments	
5b.	LCD Select button	Selects the menu item highlighted by the cursor	
5c.	LCD Right button	Moves the cursor forward in one-step increments	
6.	LCD panel	Displays the system ID, status information, and system error messages.	
		LCD backlight Blue	Indicates normal system operation
		LCD backlight Amber	Indicates a system error and displays the error code
		LCD backlight Off	Indicates that the system is in standby mode. You can turn the system on by pressing any of the LCD Menu

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			buttons.
7.	SD card slot for vFlash	Not used	Not used
8.	USB Ports	USB 2.0 Ports (x2)	Allows you to connect USB devices to the system
9.	System service tag	A slide out label indicating the system service tag, MAC address, and NIC.	

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Port Location – Rear Panel



Item No.	Item	Description	Notes
10.	System identification button	LED - Blinking	When pressed on either the front or rear panel, it flashes to locate the system in the rack. Press the button again to stop flashing.
11.	System identification connector	Not used	Not used
12.	iDRAC8 port	Not used	Not used
13.	10 Gb Fiber SFP+ Ports	10 Gb SFP+ Ports (x2)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 6:7 map to ETH6:ETH7
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
14.	Serial Console Port	Serial console data interface	Used to connect a serial crossover cable to a console
15.	VGA port	Standard VGA	Used to connect a VGA monitor

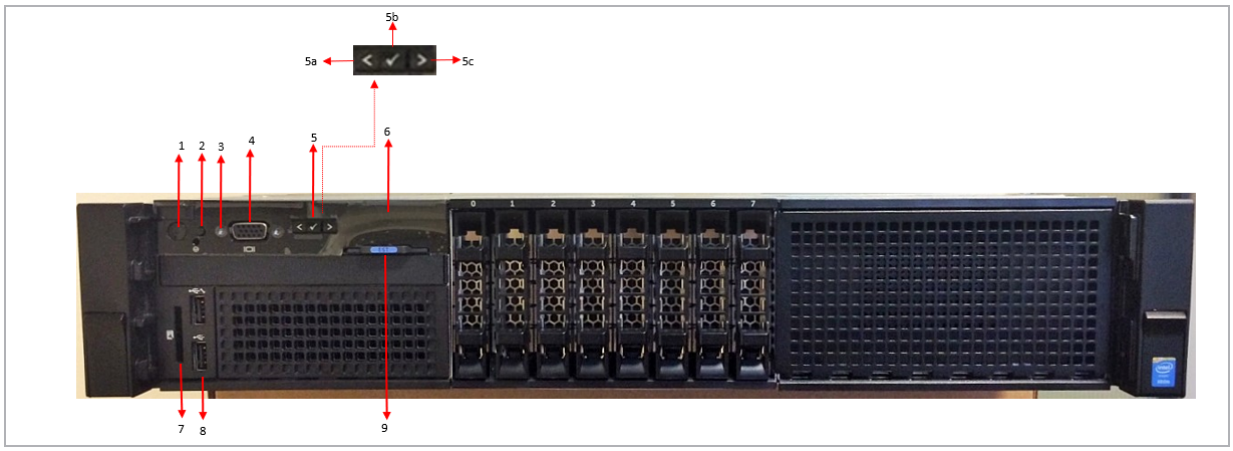
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		interface	
16.	USB Ports	USB 2.0 Ports (x2)	Allows USB devices to connect to the system
17.	10 Gb Fiber SFP+ Ports	10 Gb SFP+ Ports (x4)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 5:4 map to ETH5:ETH4
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
18.	10 Gb Fiber SFP+ Ports	10 Gb SFP+ Ports (x2)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 0:4 map to ETH0:ETH4
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
19.	Dual Hot-Swap Power Supply	750W 1+1 redundant power supply	Power source for the system, refer to item 1 for status LED Indicators.
		LED - Green	Indicates operating mode
		LED - Blinking amber	Indicates fault mode

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2.11 LoadMaster LM-8000 and 8010-MT

Port Location - Front Panel



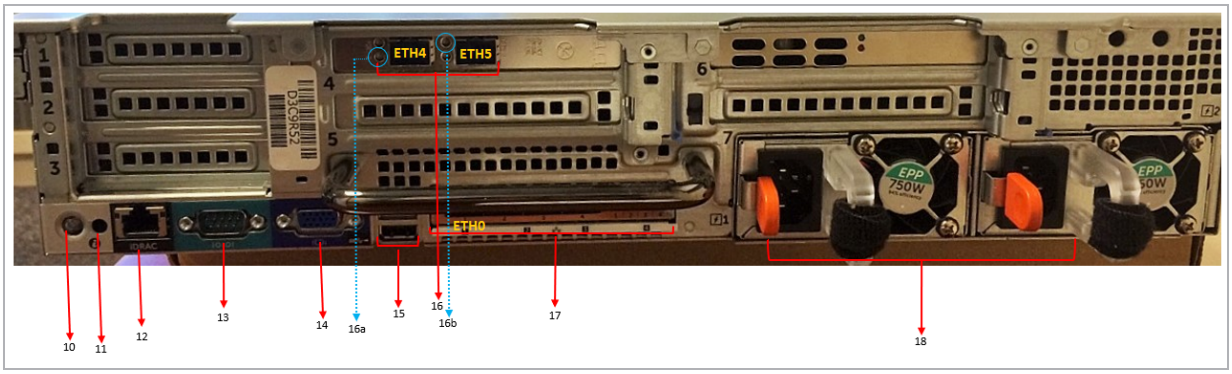
Item No.	Item	Description	Notes
1.	Power on indicator/power button	LED - Green	Indicates power on
		LED - Off	Indicates power off
2.	NMI button	Not used	Not used
3.	System identification button	LED - Blinking	When pressed on either the front or rear panel, flashes to locate the system in the rack. Press the button again to stop flashing.
4.	VGA Port	Standard VGA interface	Used to connect a VGA monitor
5.	LCD Menu buttons	Allows you to navigate the control panel LCD menu	
5a.	LCD Left button	Moves the cursor back in one-step increments	
5b.	LCD Select button	Selects the menu item highlighted by the cursor	

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5c.	LCD Right button	Moves the cursor forward in one-step increments	
6.	LCD panel	Displays system ID, status information, and system error messages.	
		LCD backlight Blue	Indicates normal system operation
		LCD backlight Amber	Indicates system error and displays the error code
		LCD backlight off	Indicates system in standby mode. Turn on by pressing any of the LCD Menu buttons.
7.	SD card slot for vFlash	Not used	Not used
8.	USB Ports	USB 2.0 Ports (x2)	Allows you to connect USB devices to the system
9.	System service tag	A slide out label indicating the system service tag, MAC address, and NIC.	

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Port Location – Rear panel



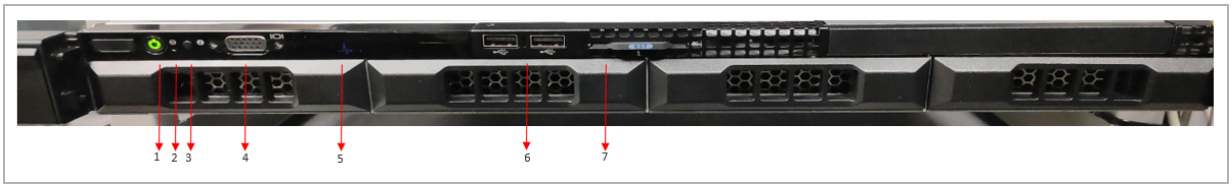
Item No.	Item	Description	Notes
10.	System identification button	LED - Blinking	When pressed on either the front or rear panel, it flashes to locate the system in the rack. Press the button again to stop flashing.
11.	System identification connector	Not used	Not used
12.	iDRAC8 port	Not used	Not used
13.	Serial Console Port	Serial console data interface	Used to connect a serial crossover cable to a console
14.	VGA Port	Standard VGA interface	Used to connect a VGA monitor
15.	USB Ports	USB 2.0 Ports (x2)	Allows USB devices to connect to the system
16.	10 Gb Fiber SFP+ Ports	10 SFP+ Ports (x4)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 4:5 map to ETH4:ETH5
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity

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		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
17.	10 Gb Fiber SFP+ Ports	10 Gbps SFP+ Ports (x4)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 0:3 map to ETH0:ETH3
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
18.	Dual Hot-Swap Power Supply	495W 1+1 redundant AC power supply	Power source for the system, refer to item 1 for status LED Indicators.
		LED - Green	Indicates operating mode
		LED - Blinking amber	Indicates fault mode

2.12 LoadMaster LM-5600 and LM-5610-MT

Port Location – Front Panel

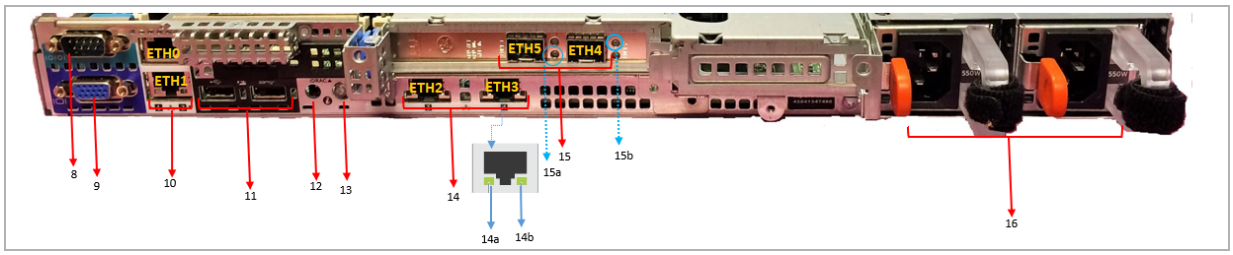


Item No.	Item	Description	Notes
1.	Power on indicator/power button	LED - Green	Indicates power on

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		LED - Off	Indicates power off
2.	NMI button	Not used	Not used
3.	System identification button	LED - Blinking	When pressed on either the front or rear panel, it flashes to locate the system in the rack. Press the button again to stop flashing.
4.	VGA Port	Standard VGA interface	Used to connect a VGA monitor
5.	Diagnostic indicator	The diagnostic indicator lights up to display error status	
6.	USB Ports	USB 2.0 Ports (x2)	Allows you to connect USB devices to the system
7.	System service tag	A slide out label indicating the system service tag, MAC address, and NIC	

Port Location - Rear Panel



Item No.	Item	Description	Notes
8.	Serial Console Port	Serial console data interface	Used to connect a serial crossover cable to a console
9.	VGA Port	Standard VGA interface	Used to connect a VGA monitor
10.	1 Gb Ethernet ports	1 GbE Copper (RJ45) Ports (x2)	Logical Assignment Port 0:1 map to

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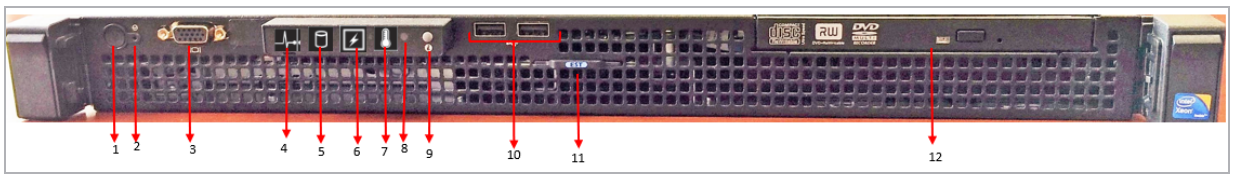
			ETH0:ETH1
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
11.	USB Ports	USB 2.0 Ports (x2)	Allows USB devices to connect to the system
12.	System status indicator	LED - Blue	Indicates normal system operation
		LED - Amber blinking	Indicates that the system has an error and needs attention
13.	System identification button	LED - Blinking	When pressed on either the front or rear panel, flashes to locate the system in the rack. Press the button again to stop flashing.
14.	1 Gb Ethernet Ports	1 GbE Copper (RJ45) ports (x2)	Logical Assignment Port 2:3 map to ETH2:ETH3
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established

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		Link LED - Off	No link (cable disconnected)
15.	10 Gb Fiber SFP+ Ports	10 Gbps Fiber SFP+ Ports (x2)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 4:5 map to ETH4:ETH5
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
16.	Dual Hot-Swap Power Supply	550W 1+1 redundant power supply	Power source for the system, refer to item 1 for status LED Indicators.
		LED - Green	Indicates operating mode
		LED - Blinking amber	Indicates fault mode

2.13 LoadMaster LM-4000

Port Location - Front Panel



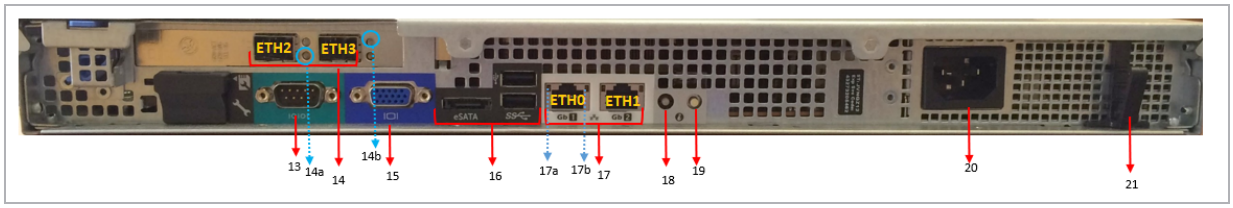
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Item No.	Item	Description	Notes
1.	Power on indicator/power button	LED - Green	Indicates power on
		LED - off	Indicates power off
2.	NMI button	Not used	Not used
3.	VGA port	Standard VGA interface	Used to connect a VGA monitor
4.	Health indicator	LED - Blue	Indicates the system is on and in good health
		LED - Blinks Amber	Indicates the system is on and an error exits or the system is in standby mode
5.	Hard-drive Indicator	LED - Blinking green	Indicates hard drive activity
6.	Electrical indicator	LED - Blinking amber	Indicates an electrical error such as a failed power supply or voltage out of range
7.	Temperature indicator	LED - Blinking amber	Indicates a thermal error such as a fan

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			failure or temperature out of range
8.	System status indicator	LED - Blue	Indicates normal system operation
		LED - Blinks amber	Indicates the system has an error and needs attention
9.	System identification button	When pressed on either the front or rear panel, it flashes to locate the system in the rack. Press the button again to stop flashing.	
10.	USB Ports	USB 2.0 Ports (x2)	Allows USB devices to connect to the system
11.	System service tag	A slide out label indicating the system service tag, MAC address, and NIC.	
12.	DVD optical drive (will not be included in any future orders)	Optional SATA DVD +/- RW drive	

Port Location - Rear Panel



Item No.	Item	Description	Notes

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13.	Serial Console Port	Serial console data interface	Used to connect a serial crossover cable to a console
14.	10 Gb Fiber SFP+ Ports	10 Gbps Fiber SFP+ Ports (x2)	Requires SFP+ transceiver modules (purchase from Kemp) Logical Assignment Port 2:3 map to ETH2:ETH3
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
15.	VGA Port	Standard VGA interface	Used to connect a VGA monitor
16.	eSATA + USB Ports	eSATA port (x1)	Allows to connect to additional storage devices
		USB 2.0 ports (x2)	Allows you to connect USB devices to the system
17.	1 Gb Ethernet ports	1 GbE Copper (RJ45) Ports (x2)	Logical Assignment Port 0:1 map to ETH0:ETH1
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no

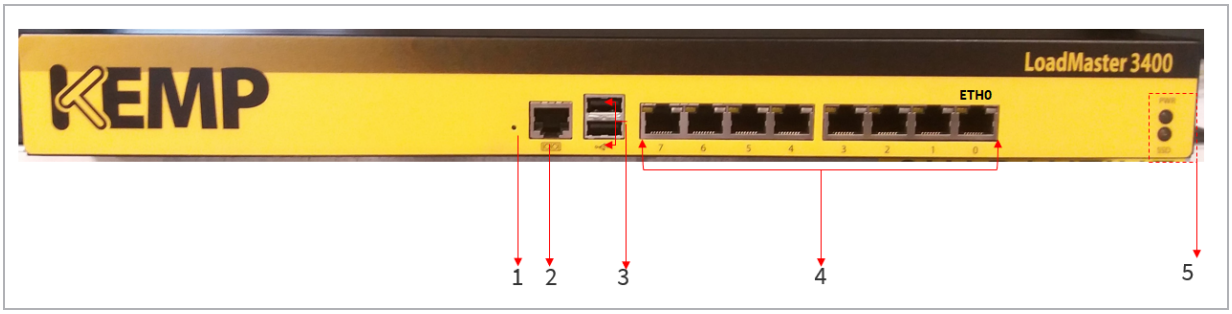
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			network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
18.	System status indicator	LED - Blue	Indicates normal system operation
		LED - Amber blinking	Indicates the system has an error and needs attention
19.	System identification button	LED - Blinking	When pressed on either the front or rear panel, it flashes to locate the system in the rack. Press the button again to stop flashing.
20.	Power supply	250W AC power supply	Power source for the system, refer to item 1 for status LED Indicators.
21.	Retention clip to secure power cable	Secures the power cable	

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2.14 LoadMaster LM-3400

Port Location – Front Panel



Item No.	Item	Description	Notes
1.	Reset	Reset LoadMaster	System reset
2.	RJ45 Console Port	RJ45 Console Connection	Allows RJ45 console devices to connect to the system
3.	USB Ports	USB 2.0 Ports (x2)	Allows USB devices to connect to the system
4.	1 Gb Ethernet Ports	1 GbE Copper (RJ45) Ports (x8)	Logical Assignment Port 0:7 map to ETH0:ETH7
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
5.	PWR LED	LED - Green	Power on indicator
		LED - Off	Power off indicator
	SSD LED	LED - Amber blinking	Indicates read/write activity of the SSD
		LED - Off	Indicates no activity of SSD

Port Location - Rear Panel

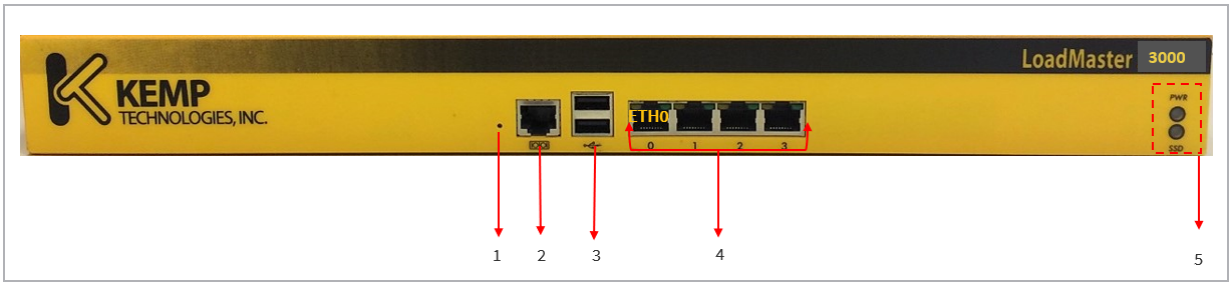
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Item No.	Item	Description	Notes
6.	VGA Port	Standard VGA interface	Used to connect a VGA monitor
7.	USB Ports	USB 2.0 Ports (x2)	Allows USB devices to connect to the system
8.	Power supply	200W AC power supply	Power source for the system, refer to item 5 for status LED Indicators.
9.	Power switch	On/off switch	Press to power on or power off the system

2.15 LoadMaster LM-3000

Port Location - Front Panel



Item No.	Item	Description	Notes
1.	Reset	Reset LoadMaster	System reset
2.	RJ45 console port	RJ45 Console Connection	Allows RJ45 console devices to connect to the system

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3.	USB Ports	USB 2.0 Ports (x2)	Allows USB devices to connect to the system
4.	1 Gb Ethernet Ports	1 GbE Copper (RJ45) Ports (x4)	Logical Assignment Port 0:3 map to ETH0:ETH3
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
5.	PWR LED	LED - Green	Power on indicator
		LED - Off	Power off indicator
	SSD LED	LED - Amber blinking	Indicates read/write activity of the Solid State Disk (SSD)
		LED - Off	Indicates no activity of the SSD

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Port Location - Rear Panel



Item No.	Item	Description	Notes
6.	VGA Port	Standard VGA interface	Used to connect a VGA monitor
7.	USB Ports	USB 2.0 Ports (x2)	Allows USB devices to connect to the system
8.	Power supply	200W AC power supply	Power source for the system, refer to item 5 for status LED Indicators.
9.	Power switch	On/off switch	Press to power on or power off the system

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