



# Physical to Logical Port Assignment

## Technical Note

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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](http://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

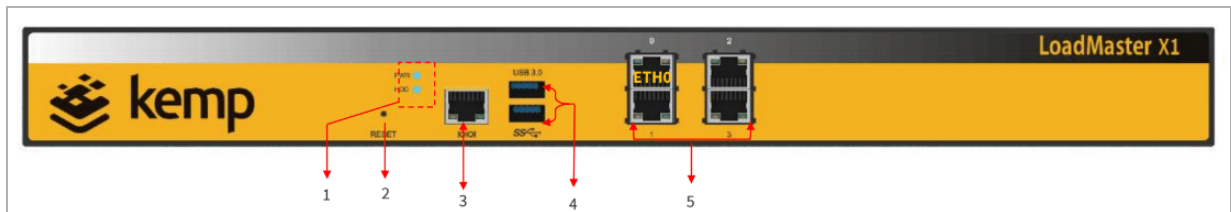
This document is intended to be read by anyone who is interested in finding out the logical port label assignment when installing a hardware LoadMaster.

# 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

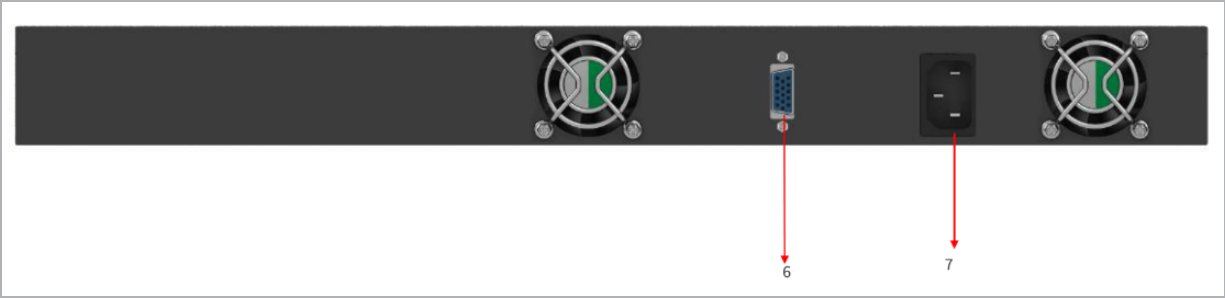


Item No.	Item	Description	Notes
1.	PWR LED	LED – Blue	Power on indicator
		LED – Off	Power off indicator
	HDD LED	LED – Blinking amber	Indicates HDD operating normal
		LED – Off	Indicates no activity of HDD
2.	Reset	Reset LoadMaster	Software reset
3.	RJ45 console port	RJ45 Console Connection	Allows RJ45 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

2 Logical Port Label Assignment

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

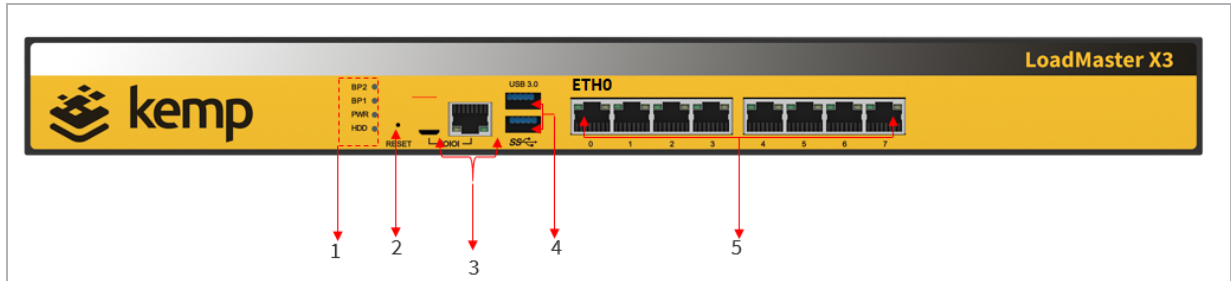
Port Location - Rear Panel



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.

## 2.2 LoadMaster LM-X3

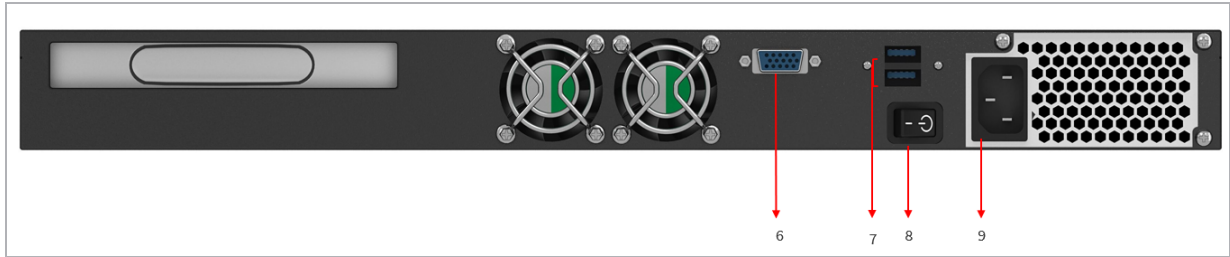
### Port Location - Front Panel



Item No.	Item	Description	Notes
1.	PB2 LED	Not used	Not used
	PB1 LED	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	Software 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

## 2 Logical Port Label Assignment

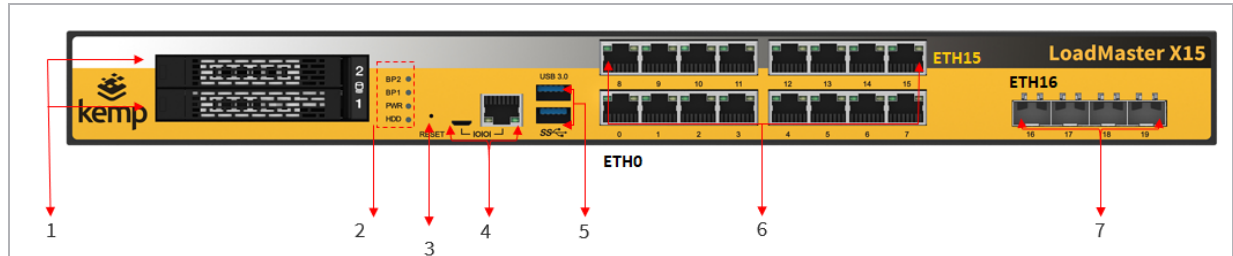
### Port Location - Rear Panel



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.

## 2.3 LoadMaster LM-X15

### Port Location - Front Panel

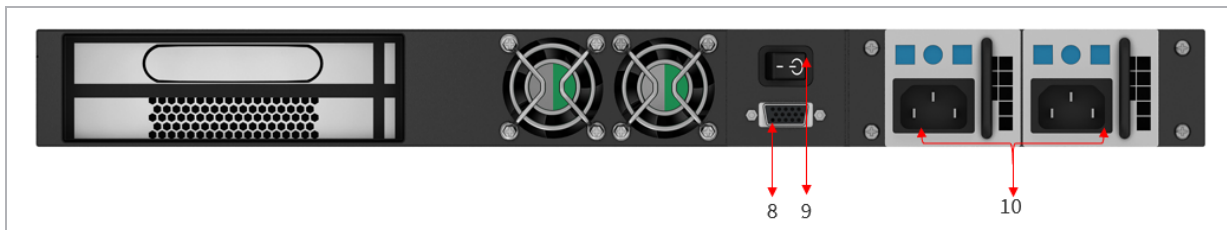


Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	RAID 0 (mirroring) Hot-Swap Disk (x2)	Disk mirroring - replicating of data to two or more disks
		HDD LED - Green	Indicates HDD operating normal
		HDD LED - Red	Indicates possible HDD issue (contact Kemp Customer Support)
		Rebuild LED - Blinking amber	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	Software reset
4.	RJ45/Micro USB type console ports	RJ45/micro USB type Console Connection	Allows RJ45/micro USB console devices to connect

## 2 Logical Port Label Assignment

			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+ 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

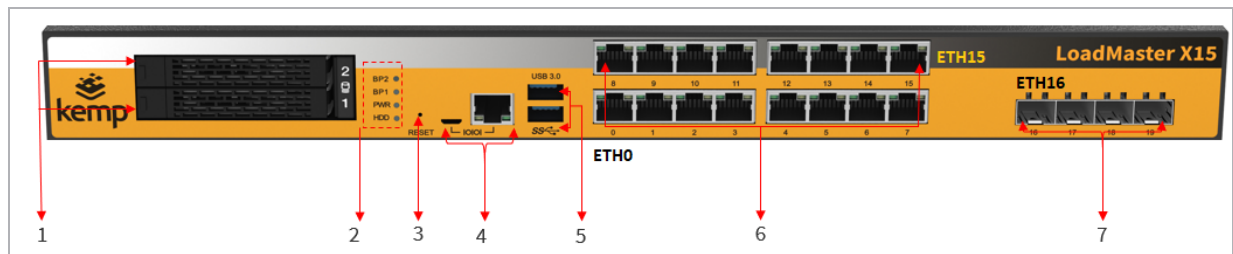


## 2 Logical Port Label Assignment

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

## 2.4 LoadMaster LM-X15-MT

## Port Location - Front Panel



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	RAID 0 (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

## 2 Logical Port Label Assignment

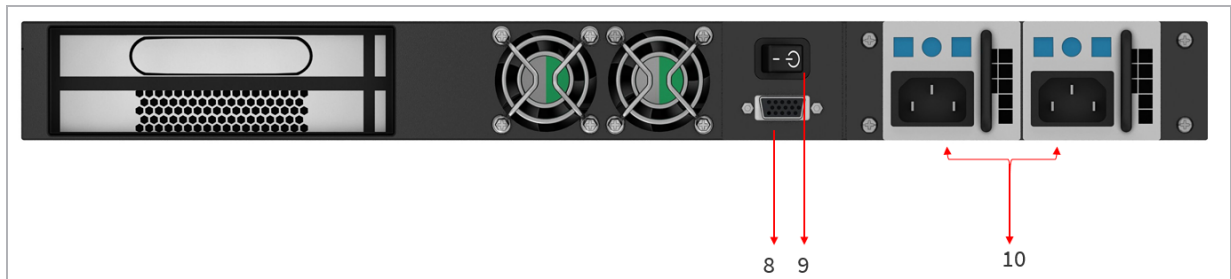
			rebuilding process (could take several hours to complete)
2.	PB2 LED PB1 LED	Not used Not used	Not used Not used
	PWR LED	LED - Green	Power on indicator
		LED - Off	Power off indicator
	HDD LED	LED - Amber	Indicates HDD activity
		LED - Off	Indicates no HDD activity
3.	Reset	Reset LoadMaster	Software reset
4.	RJ45/Micro USB type console ports	RJ45/micro USB type Console Connection	Allows RJ45 console devices to 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	Indicates no network activity
		Link LED - Off	No link (cable disconnected)
7.	10 Gb Fiber SFP+ Ports	10 Gbps Fiber SFP+ Ports (x4)	Requires SFP+ modules (purchase from Kemp) Logical Assignment Port 16:19 map to

2 Logical Port Label Assignment

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)

## 2 Logical Port Label Assignment

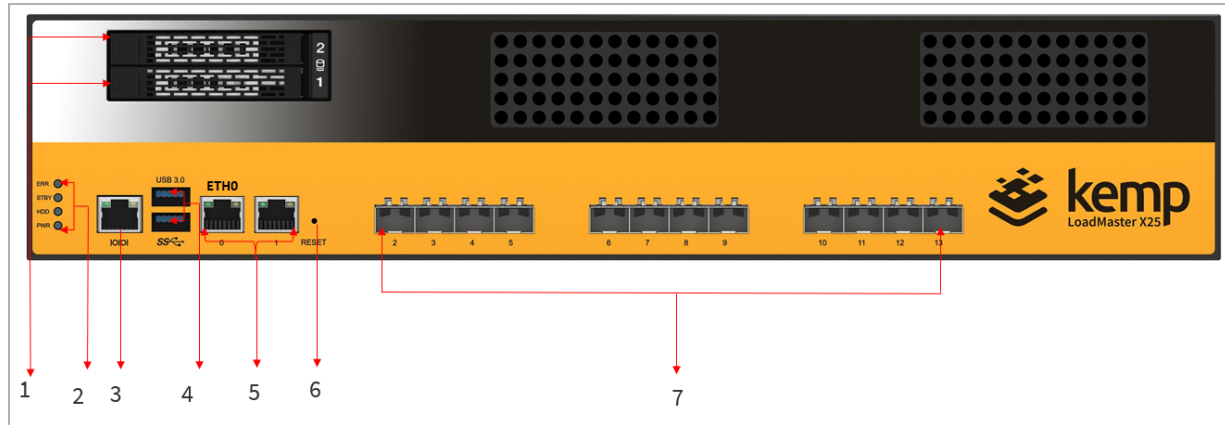
## Port Location - Rear Panel



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.	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 loss of power supply redundancy and/or issue with power supply

## 2.5 LoadMaster LM-X25

### Port Location - Front Panel



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	RAID 0 (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)

## 2 Logical Port Label Assignment

	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	Software reset
7.	10Gb Fiber SFP+ Ports	10 Gbps SFP+ Ports (x12)	Logical Assignment Port 2:13 map to ETH2:ETH13
		Activity LED - Blinking	Indicates network activity

2 Logical Port Label Assignment

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

## 2 Logical Port Label Assignment

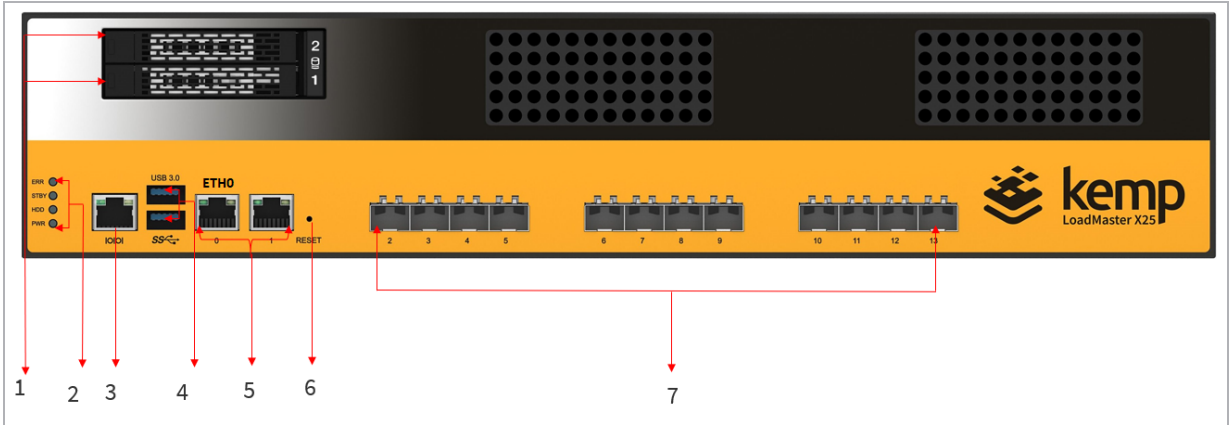
## Port Location - Real Panel



Item No.	Item	Description	Notes
8.	VGA port	Standard VGA interface	Used to connect an VGA monitor
9.	Power switch	On/off switch	Press to power on or power off the system
10.	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
11.	USB Ports	USB 2.0 Ports (x2)	Allows USB devices to connect to the system

2.6 LoadMaster LM-X25-MT

Port Location - Front Panel



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	RAID 0 (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)

## 2 Logical Port Label Assignment

	STBY LED	Standby LED - Amber	Indicates if 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	Software reset
7.	10 Gb Fiber SFP+ Ports	10 Gbps SFP+ Ports (x12)	Requires SFP+ modules (purchase from Kemp) Logical Assignment Port 2:13 map to

## 2 Logical Port Label Assignment

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)

## Port Location - Real Panel



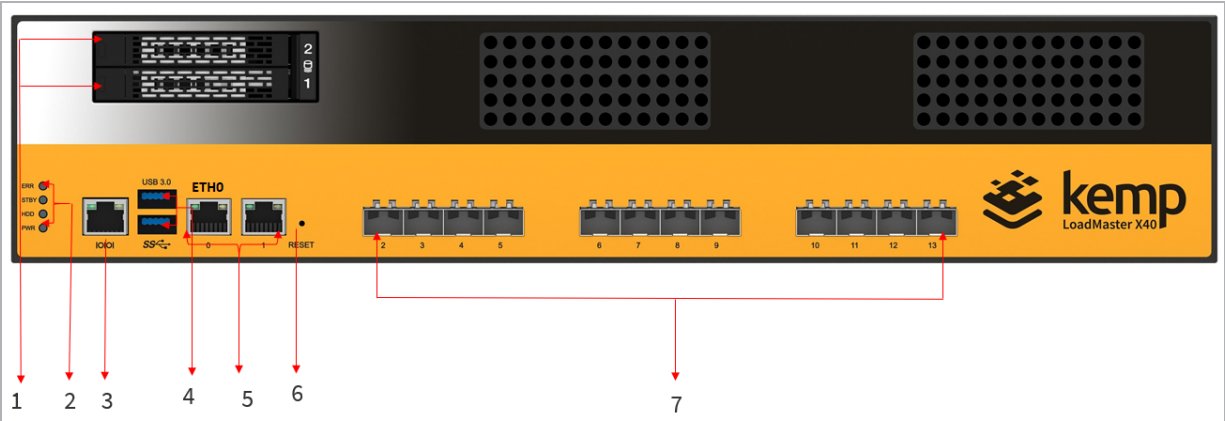
Item No.	Item	Description	Notes
8.	VGA port	Standard VGA interface	Used to connect a VGA monitor
9.	Power switch	On/off switch	Press to power on or power off the system
10.	Dual Hot-Swap Power Supply	700W 1+1 redundant power supply	Power source for the system, refer to item 2 for status LED Indicators.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

2 Logical Port Label Assignment

11.	USB Ports	USB 2.0 Ports (x2)	Allows USB devices to connect to the system
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2.7 LoadMaster LM-X40

Port Location - Front Panel



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	RAID 0 (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)

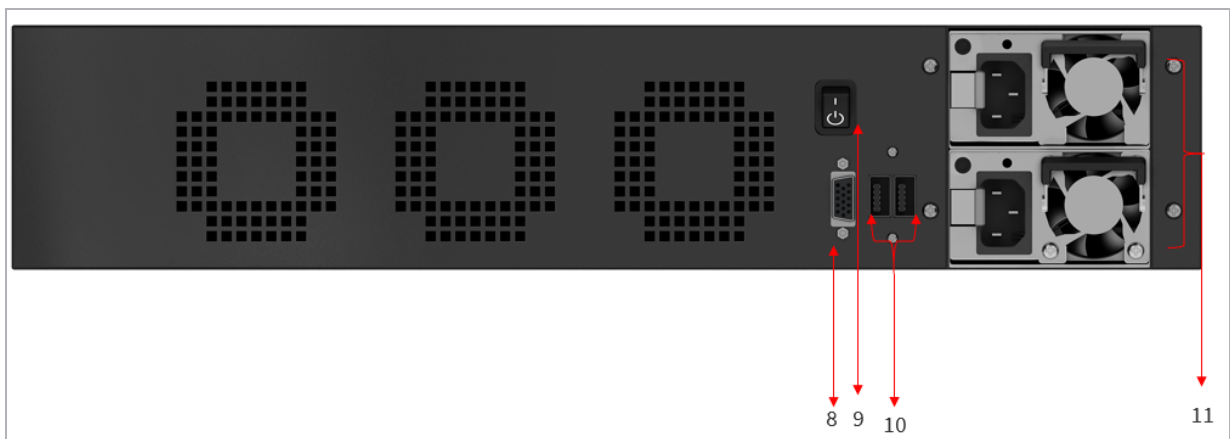
## 2 Logical Port Label Assignment

	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	Software reset
7.	10 Gb Fiber SFP+ Ports	10 Gbps SFP+ Ports (x12)	Requires SFP+ modules (purchase from Kemp) Logical Assignment Port 2:13 map to ETH2:ETH13
		Activity LED - Blinking	Indicates network

## 2 Logical Port Label Assignment

	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

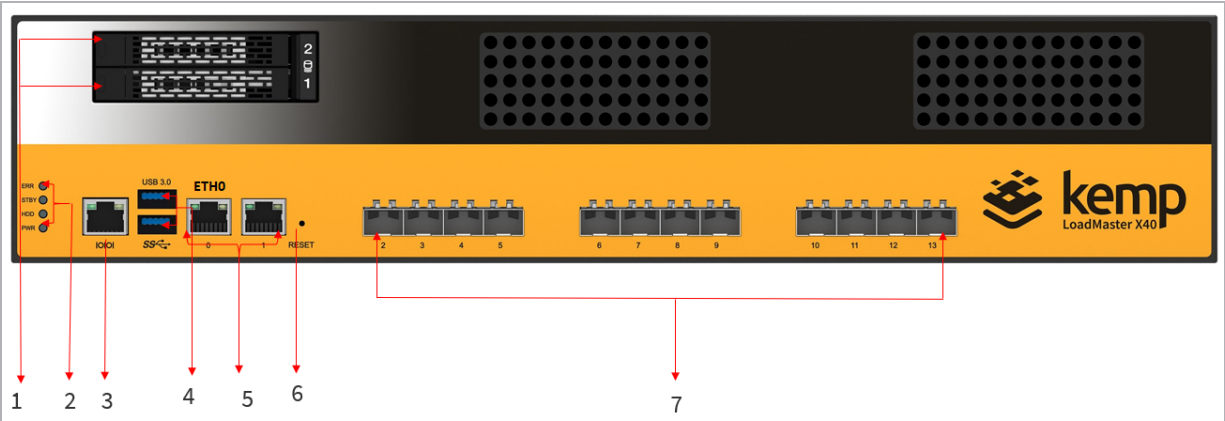


Item No.	Item	Description	Notes
8.	VGA port	Standard VGA interface	Used to connect a VGA monitor
9.	Power switch	On/off switch	Press to power on or power off the system
10.	Dual Hot-Swap Power Supply	700W 1+1 redundant power supply	Power source for the system, refer to item 2 for status LED Indicators.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



2.8 LoadMaster LM-X40-MT

Port Location - Front Panel



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	RAID 0 (mirroring) Hot-Swap Disk (x2)	Disk mirroring - replicating of data to two or more disks
		HDD LED - Green	Indicates that the HDD is operating normally
		HDD LED - Red	Indicates a 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

## 2 Logical Port Label Assignment

			system is experiencing an error during operation (contact Kemp Customer Support)
	STBY LED	Standby LED - Amber	Indicates that the system 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 a USB device 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)

## 2 Logical Port Label Assignment

6.	Reset	Reset LoadMaster	Software reset
7.	10 Gb Fiber SFP+ Ports	10 Gbps SFP+ Ports (x12)	Requires SFP+ modules (purchase from Kemp) Logical Assignment 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)

## Port Location - Rear Panel



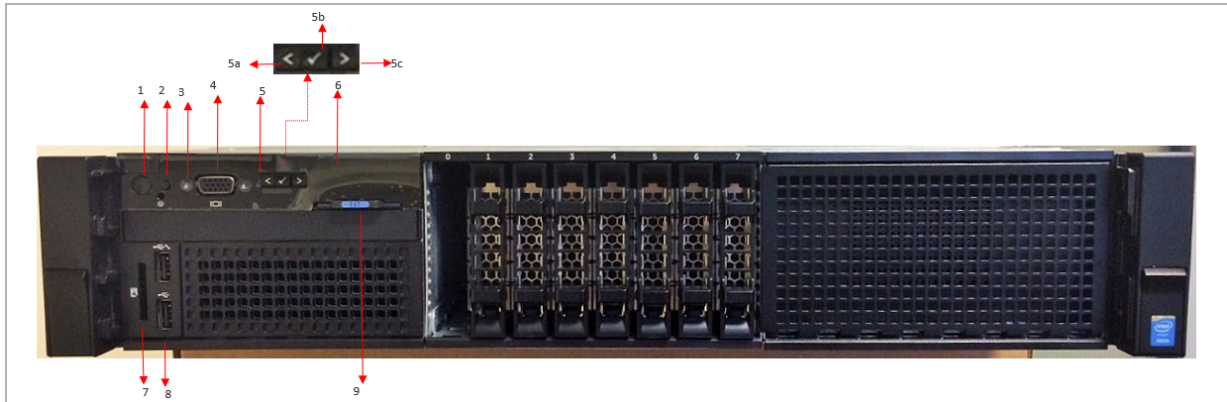
Item No.	Item	Description	Notes
8.	VGA port	Standard VGA interface	Used to connect a VGA monitor
9.	Power switch	On/off switch	Press to power on or power off the system
10.	Dual Hot-Swap	700W 1+1 redundant	Power source for the system, refer to item 2 for

2 Logical Port Label Assignment

	Power Supply	power supply	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
11.	USB Ports	USB 2.0 (x2)	Allows USB devices to connect to the system

## 2.9 LoadMaster LM 8020-FIPS

### Port Location - Front Panel

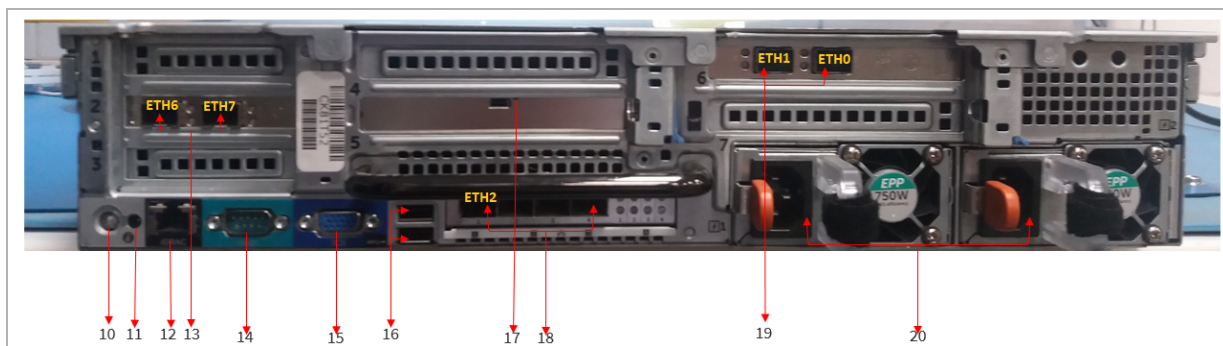


Item No.	Item	Description	Notes
1.	Power on indicator/Power button	LED - Green	Indicates power on
		LED - Off	Indicates power off
2.	NMI button	Not used	Not used
3.	System identification button	LED - Blinking	When pressed on either the front or rear panel, it flashes to locate the system in the rack. 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	

## 2 Logical Port Label Assignment

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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## 2 Logical Port Label Assignment

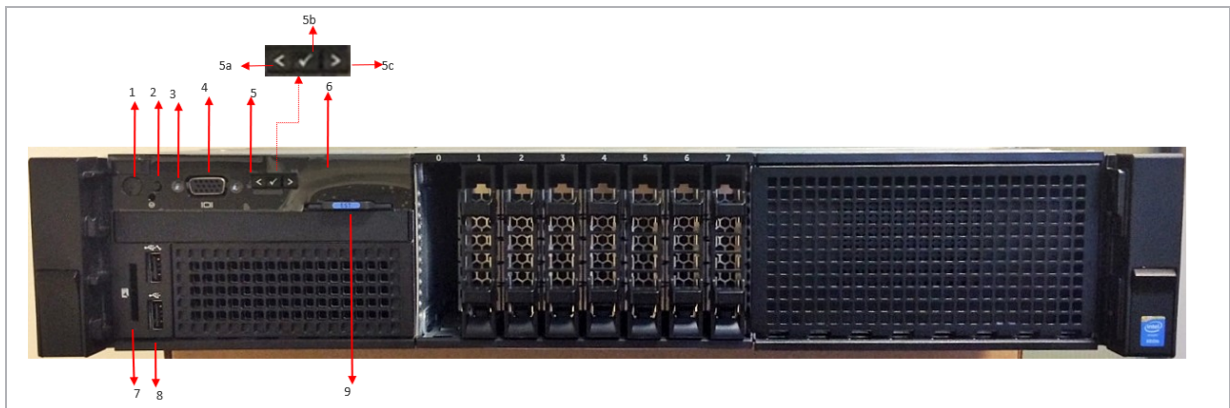
10.	System identification button	LED - Blinking	When pressed on either the front or rear panel, flashes to locate the system in the rack. Press the button again to stop flashing.
11.	System identification connector	Not used	Not used
12.	iDRAC8 port	Not used	Not used
13.	10Gb Fiber SFP+ Ports	10Gb SFP+ Ports (x2)	Requires SFP+ 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+ 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

## 2 Logical Port Label Assignment

		Link LED - Off	No link (cable disconnected)
18.	10Gb Fiber SFP+ Ports	10 Gb SFP+ Ports (x2)	Requires SFP+ 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
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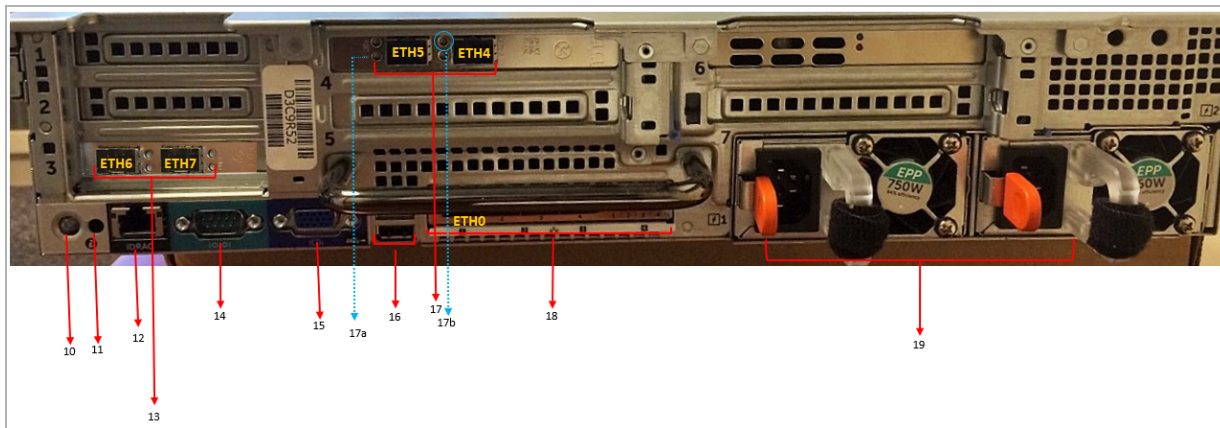
## 2 Logical Port Label Assignment

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	
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

## 2 Logical Port Label Assignment

			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 – 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	10 Gb SFP+	Requires SFP+ modules (purchase from Kemp)

## 2 Logical Port Label Assignment

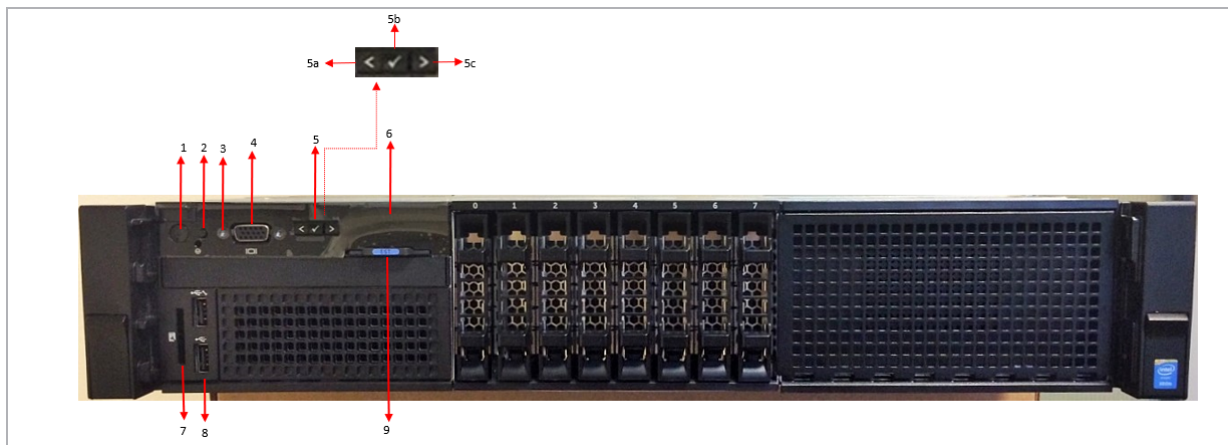
SFP+ Ports		Ports (x2)	Logical Assignment Port 6:7 map to ETH6:ETH7
		Activity LED - Blinking	Indicates network activity
		Activity LED - Off	Indicates no network activity
		Link LED - On	Link - connection established
		Link LED - Off	No link (cable disconnected)
14.	Serial Console Port	Serial console 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.	10 Gb Fiber SFP+ Ports	10 Gb SFP+ Ports (x4)	Requires SFP+ 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)	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

## 2 Logical Port Label Assignment

		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

## 2.11 LoadMaster LM-8000 and 8010-MT

## Port Location - Front Panel



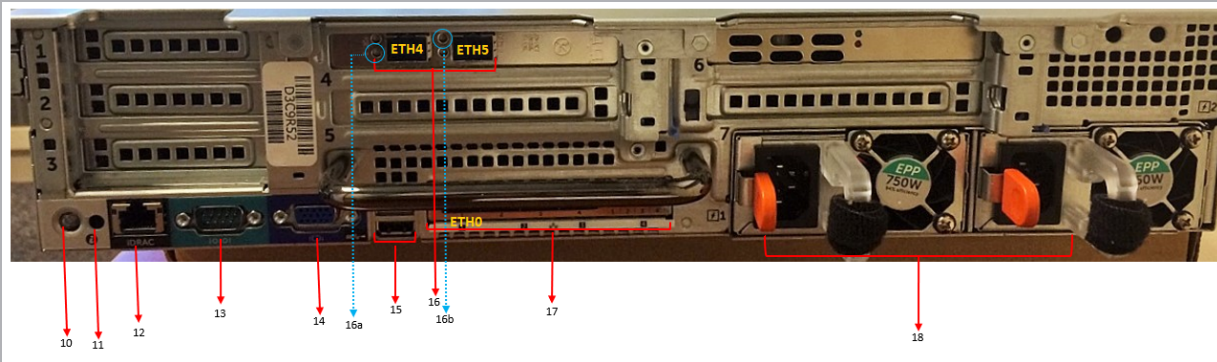
Item No.	Item	Description	Notes
1.	Power on indicator/power button	LED - Green	Indicates power on
		LED - Off	Indicates power off
2.	NMI button	Not used	Not used
3.	System identification button	LED - Blinking	When pressed on either the front or rear panel, flashes to locate the system in the rack. Press the button again to stop flashing.

## 2 Logical Port Label Assignment

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 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.	

## 2 Logical Port Label Assignment

## Port Location – Rear panel



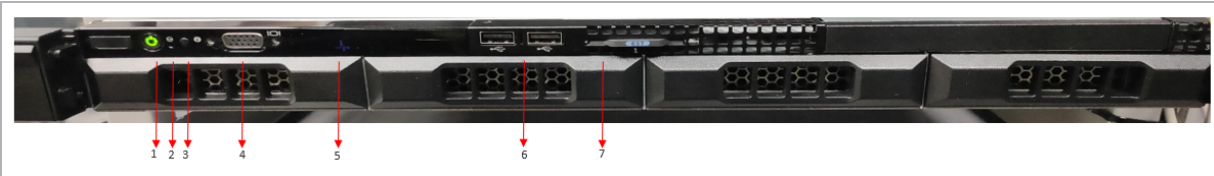
Item No.	Item	Description	Notes
10.	System identification button	LED - Blinking	When pressed on either the front or rear panel, it flashes to locate the system in the rack. Press the button again to stop flashing.
11.	System identification connector	Not used	Not used
12.	iDRAC8 port	Not used	Not used
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+ 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

## 2 Logical Port Label Assignment

17.	10 Gb Fiber SFP+ Ports	10 Gbps SFP+ Ports (x4)	Link LED - On	Link - connection established
			Link LED - Off	No link (cable disconnected)
			Requires SFP+ 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

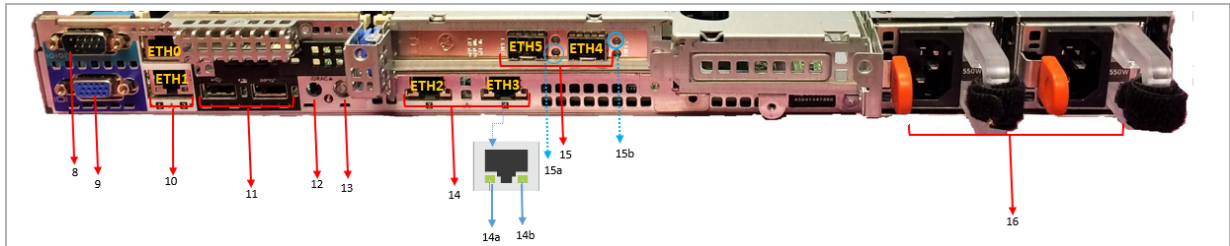


Item No.	Item	Description	Notes
1.	Power on indicator/power button	LED - Green	Indicates power on

## 2 Logical Port Label Assignment

		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

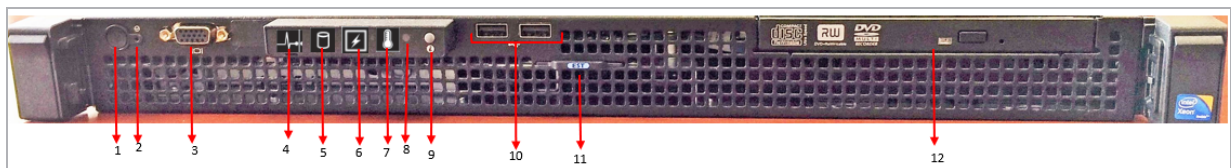
## 2 Logical Port Label Assignment

			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

		Link LED - Off	No link (cable disconnected)
15.	10 Gb Fiber SFP+ Ports	10 Gbps Fiber SFP+ Ports (x2)	Requires SFP+ 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



Item	Item	Description	Notes
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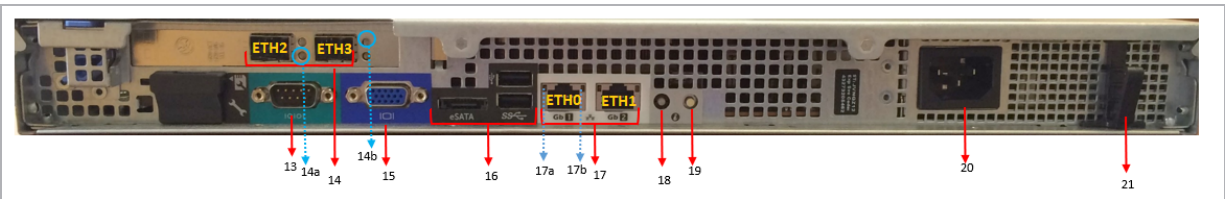
## 2 Logical Port Label Assignment

No.			
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 exists 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 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.	

## 2 Logical Port Label Assignment

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
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+ 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)

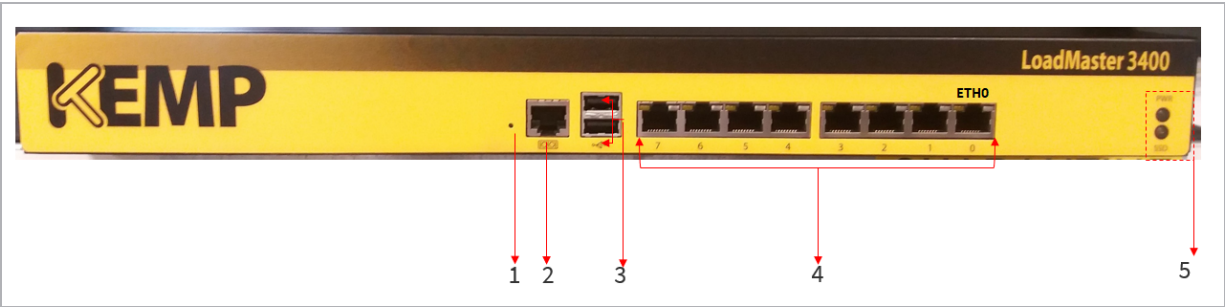
## 2 Logical Port Label Assignment

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 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	Secures the power cable	

to secure  
power cable

2.14 LoadMaster LM-3400

Port Location – Front Panel



Item No.	Item	Description	Notes
1.	Reset	Reset LoadMaster	Software 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

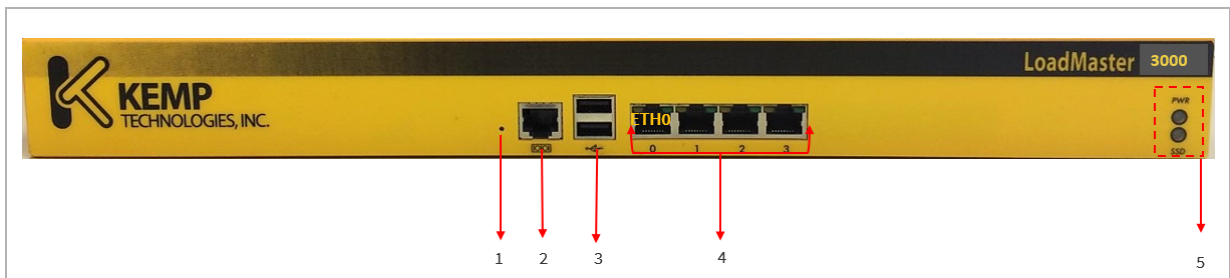
## 2 Logical Port Label Assignment



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	Software reset
2.	RJ45 console port	RJ45 Console Connection	Allows RJ45 console devices to connect to the system

## 2 Logical Port Label Assignment

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

## 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

# Last Updated Date

This document was last updated on 27 July 2023.