



# 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 outlines the total number of Ethernet and Small Form-factor Pluggable (SFP+) ports on each hardware LoadMaster. 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.

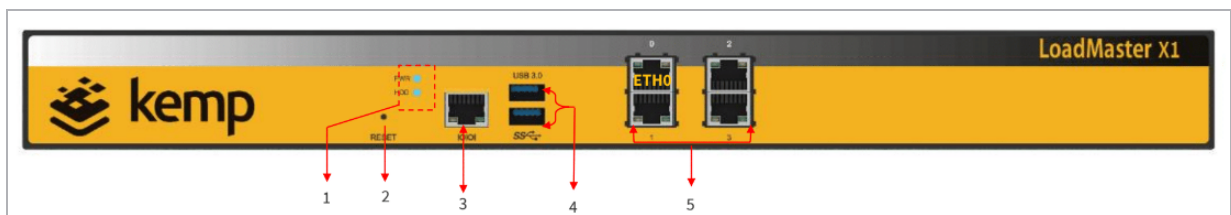


# 2 Logical Port Label Assignment

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

## 2.1 LoadMaster LM-X1

### Port Location - Front Panel

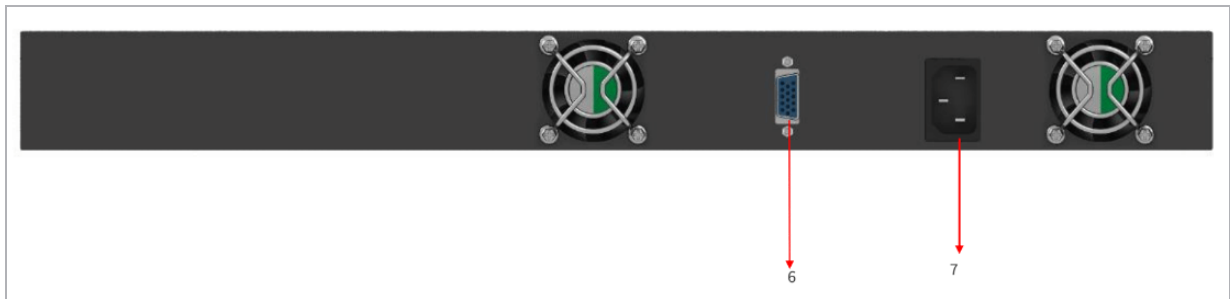


Item No.	Item	Description	Notes
1.		PWR LED	Indicates the power status of the system
		LED – Blue	Power on
		LED – Off	Power off
	HDD LED	Indicates the status of the Hard Disk Drive (HDD)	
		LED – Yellow flashing	Indicates read/write activity of the HDD
		LED – Off	Indicates no activity of HDD
2.	Reset button	Reset LoadMaster	GPIO software button
3.	RJ-45 type console port	Used to connect console devices with RJ45 connection	

## 2 Logical Port Label Assignment

4.	USB 3.0 Ports (2)	Allows to connect USB 3.0/2.0/1.1 devices to the system	
5.	1 Gb copper ethernet ports (4)	4 x 1 Gb copper ports used to connect LAN network devices with LED indicators	Logical Assignment Port 0:3 map to ETH0:ETH3
		Activity LED – Yellow blinking	Indicates data activity
		Activity LED - Off	Indicates no data activity
		Link LED – Green	Indicates data 1 Gb and 10/100 Mb
		Link LED – Off	Indicates no link

## Port Location - Rear Panel

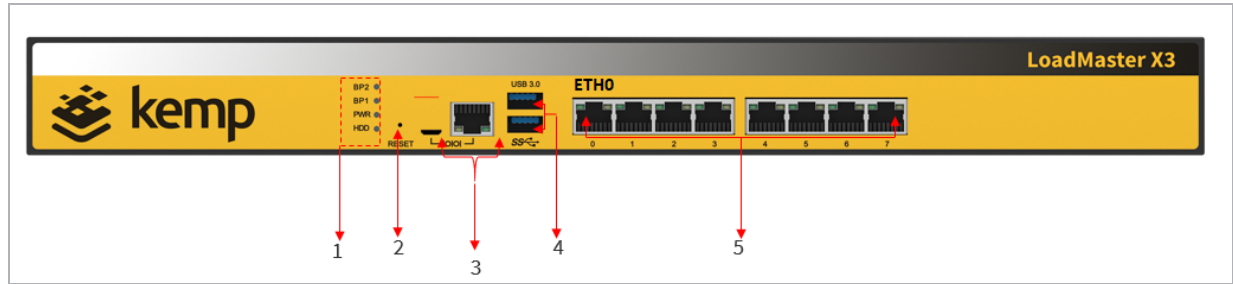


Item No.	Item	Description
6.	VGA port	Used to connect an analog VGA monitor
7.	Power supply	250W AC power supply

## 2.2 LoadMaster LM-X3

## Port Location - Front Panel

## 2 Logical Port Label Assignment

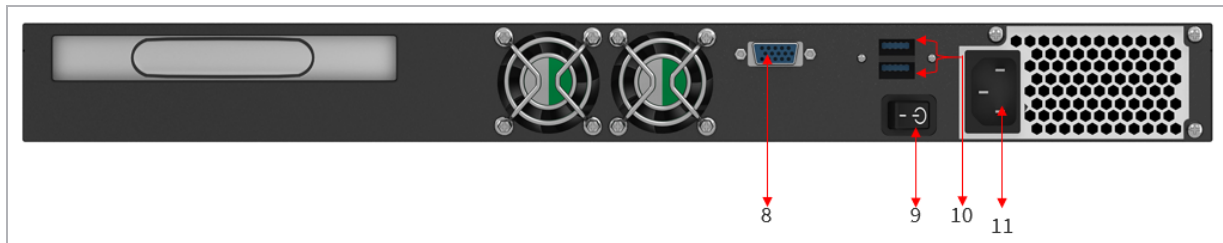


Item No.	Item	Description	Notes
1.	PB2 LED	Not used by LoadMaster OS (LMOS)	
	PB1 LED	Indicates the LAN bypass	
		BP1 and BP2 LED – On	Bypass enabled
		BP1 and BP2 LED – Off	Bypass disabled
	PWR LED	Indicates the power status of the system	
		LED – Green	Power on
		LED – Off	Power off
	HDD LED	Indicates the status of the Hard Disk Drive (HDD)	
		LED – Yellow flashing	Indicates read/write activity of the HDD
		LED – Off	Indicates no activity of HDD
2.	Reset button	Reset LoadMaster	GPIO software button
3.	RJ-45/Micro USB type console port	Used to connect console devices with RJ45/Micro USB type connection	
4.	USB 3.0 Ports (2)	Allows to connect USB 3.0/2.0/1.1 devices to the system	
5.	1 Gb copper ethernet ports (8)	8 x 1 Gb copper ports used to connect LAN network devices with LED indicators	Logical Assignment Port 0:7 map to ETH0:ETH7

## 2 Logical Port Label Assignment

ACT LED – Yellow blinking	Indicates data activity
ACT LED - Off	Indicates no data activity
LINK LED – Green	Indicates data 1 Gb and 10/100 Mb
LINK LED – Off	Indicates no link

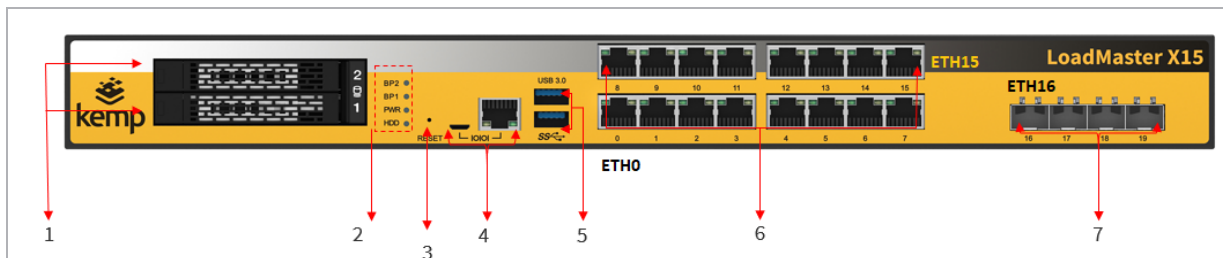
## Port Location - Rear Panel



Item No.	Item	Description
6.	VGA port	Used to connect an analog VGA monitor
7.	Power switch	Press to power-on or power-off the system
8.	USB 3.0 ports (2)	Allows you to connect USB 3.0/2.0/1.1 devices to the system
9.	Power supply	250 W AC power supply

## 2.3 LoadMaster LM-X15

## Port Location - Front Panel



Item	Item	Description	Notes
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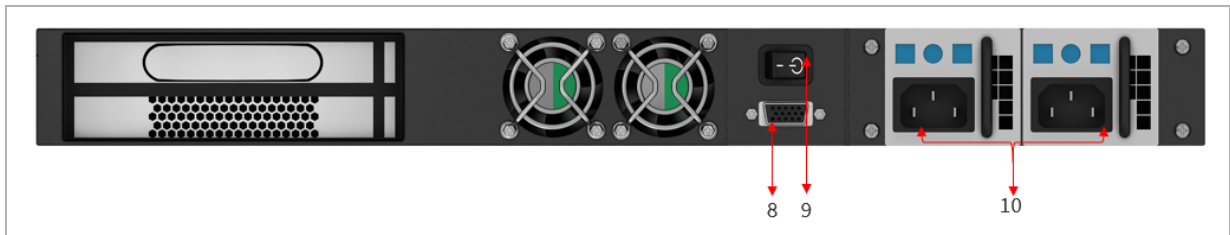
## 2 Logical Port Label Assignment

No.			
1.	RAID (Dual HDD)	Built-in hardware RAID controller, supporting RAID 0	Disk mirroring - replicating of data to two or more disks. Good choice for applications requiring high performance and high availability
2.	PB2 LED PB1 LED	*Not used by LMOS Indicates the LAN bypass	
		BP1 and BP2 LED – On	Bypass enabled
		BP1 and BP2 LED – Off	Bypass disabled
	PWR LED	Indicates the power status of the system	
		LED – Green	Power ON
		LED – Off	Power Off
	HDD LED	Indicates the status of the Hard Disk Drive (HDD)	
		LED – Yellow flashing	Indicates read/write activity of the HDD
		LED – Off	Indicates no activity of HDD
3.	Reset button	Reset LoadMaster	
4.	RJ-45/Micro USB type console port	Used to connect console devices with RJ45/Micro USB type connection	
5.	USB 3.0 ports (2)	Allows you to connect USB 3.0/2.0/1.1 devices to the system	
6.	1 Gb copper ethernet ports (16)	16 x 1 Gb copper ports used to connect LAN network devices with LED indicators	Logical Assignment Port 0:15 map to ETH0:ETH15

## 2 Logical Port Label Assignment

		ACT LED – Yellow blinking	Indicates data activity
		ACT LED - Off	Indicates no data activity
		LINK LED – Green	Indicates data 1 Gb and 10/100 Mb
		LINK LED – Off	Indicates no link
7.	10 Gb SFP+ ports (4)	4 x 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables.	Logical Assignment Port 16:19 map to ETH16:ETH19
		Activity LED	Off - no network activity
			Blinking - network activity
		Link LED	Off - no link (cable disconnected)
			Continuously illuminated – link

## Port Location - Rear Panel

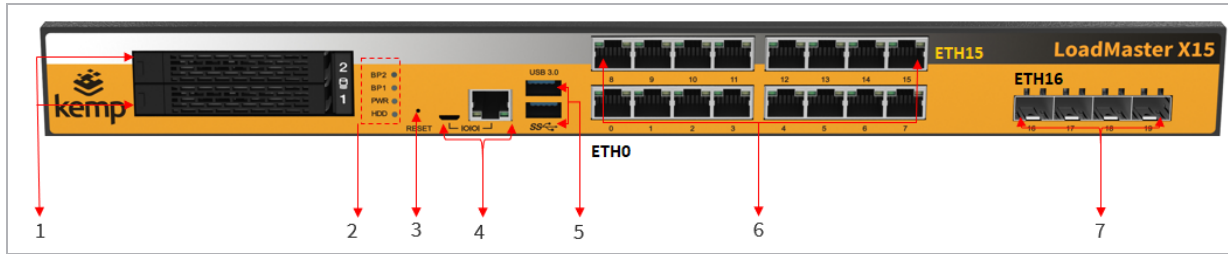


No	Item	Description
8.	VGA port	Used to connect an analog VGA monitor
9.	Power switch	Press to power-on or power-off the system
10.	Dual power supply	220 W AC by 1 and common redundant power supply (CPRS)

## 2.4 LoadMaster LM-X15-MT

## Port Location - Front Panel

## 2 Logical Port Label Assignment



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	Built-in hardware RAID controller, supporting RAID 0	Disk mirroring - replicating of data to two or more disks. Good choice for applications requiring high performance and high availability
2.	PB2 LED PB1 LED	<b>*Not used by LMOS</b> Indicates the status of the LAN bypass	
		BP1 and BP2 LED – On	Bypass enabled
		BP1 and BP2 LED – Off	Bypass disabled
	PWR LED	Indicates the power status of the system	
		LED – Green	Power on
		LED – Off	Power off
	HDD LED	Indicates the status of the HDD	
		LED - Yellow flashing	Indicates read/write activity of the HDD
		LED - Off	Indicates no activity of HDD
3.	Reset button	Reset LoadMaster	GPIO software button
4.	RJ-45/Micro USB type console port	Used to connect console devices with RJ45/Micro USB type connection	

## 2 Logical Port Label Assignment

5.	USB 3.0 ports (2)	Allows you to connect USB 3.0/2.0/1.1 devices to the system	
6.	1 Gb copper ethernet ports (16)	16 x 1 Gb copper ports used to connect LAN network devices with LED indicators	Logical Assignment Port 0:15 map to ETH0:ETH15
		ACT LED – Yellow blinking	Indicates data activity
		ACT LED - Off	Indicates no data activity
		LINK LED – Green	Indicates data 1 Gb and 10/100 Mb
		LINK LED – Off	Indicates no link
7.	10 Gb SFP+ ports (4)	4 x 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables	Logical Assignment Port 16:19 map to ETH16:ETH19
		Activity LED	Off - no network activity
			Blinking - network activity
		Link LED	Off - no link (cable disconnected)
			Continuously illuminated - link

## Port Location - Rear Panel



Item No.	Item	Description
8.	VGA port	Used to connect an analog VGA monitor

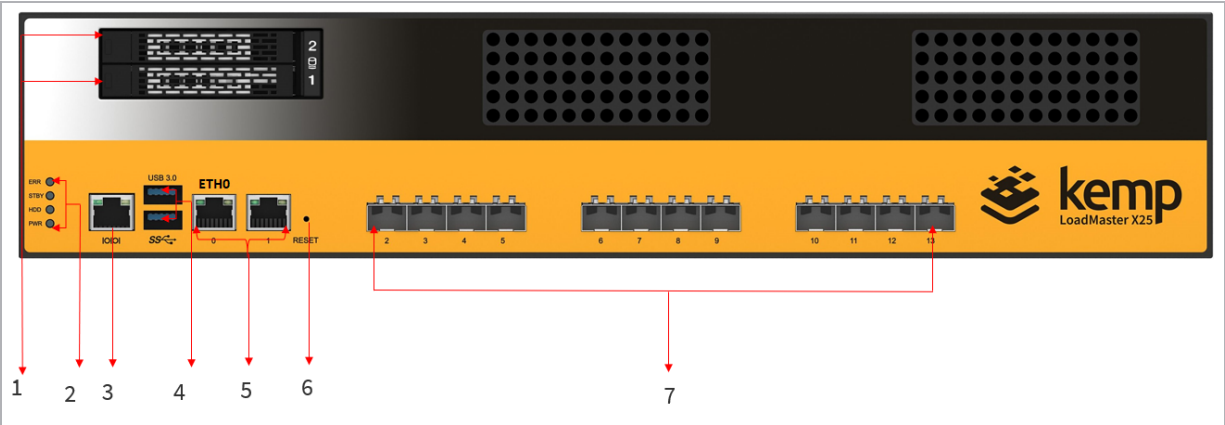


2 Logical Port Label Assignment

9.	Power switch	Press to power-on or power-off the system
10.	Dual power supply	220 W AC by 1 and common redundant power supply (CPRS)

2.5 LoadMaster LM-X25

Port Location - Front Panel



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	Built-in hardware RAID controller, supporting RAID 0.	Disk mirroring - replicating of data to two or more disks. Good choice for applications requiring high performance and high availability
2.	ERR LED	Error LED - LED red	Indicates if the system is experiencing an error during operation
	STBY LED	Standby LED – LED orange	Indicates if the system is in sleep mode (system idle for too long)

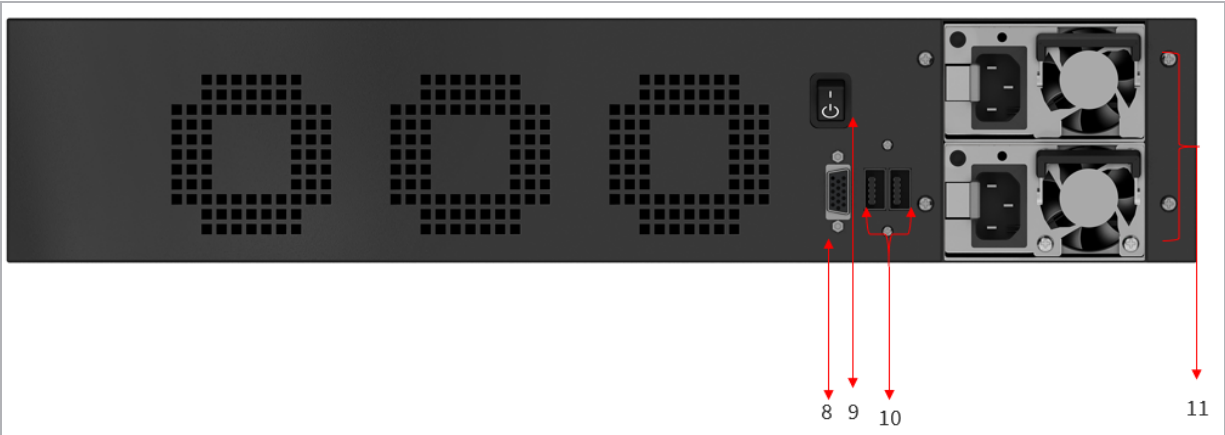
## 2 Logical Port Label Assignment

	HDD LED	Indicates the status of the HDD	Indicates read/write activity of the HDD
		LED – Yellow flashing	Indicates no activity of HDD
		LED – Off	
	PWR LED	Indicates the power status of the system	
		LED – Green	Power on
		LED - Off	Power off
3.	RJ-45 console port	Used to connect console devices with RJ45 type connection	
4.	USB 3.0 ports (2)	Allows you to connect USB 3.0/2.0/1.1 devices to the system	
5.	1 Gb copper ethernet ports (2)	2 x 1 Gb copper ports used to connect network devices with LED indicators	Logical Assignment Port 0:1 map to ETH0:ETH1
		Activity LED – Yellow blinking	Indicates data activity
		Activity LED - Off	Indicates no data activity
		Link LED – Green	Indicates data 1 Gb and 10/100 Mb
		Link LED – Off	Indicates no link
6.	Reset button	Reset LoadMaster	GPIO software button
7.	10 Gb SFP+ ports (12)	12 x 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables	Logical Assignment Port 2:13 map to ETH2:ETH13
		Activity LED	Off - no network activity
			Blinking - network activity

2 Logical Port Label Assignment

Link LED	Off - no link (cable disconnected)
	Continuously illuminated – link

Port Location - Real Panel

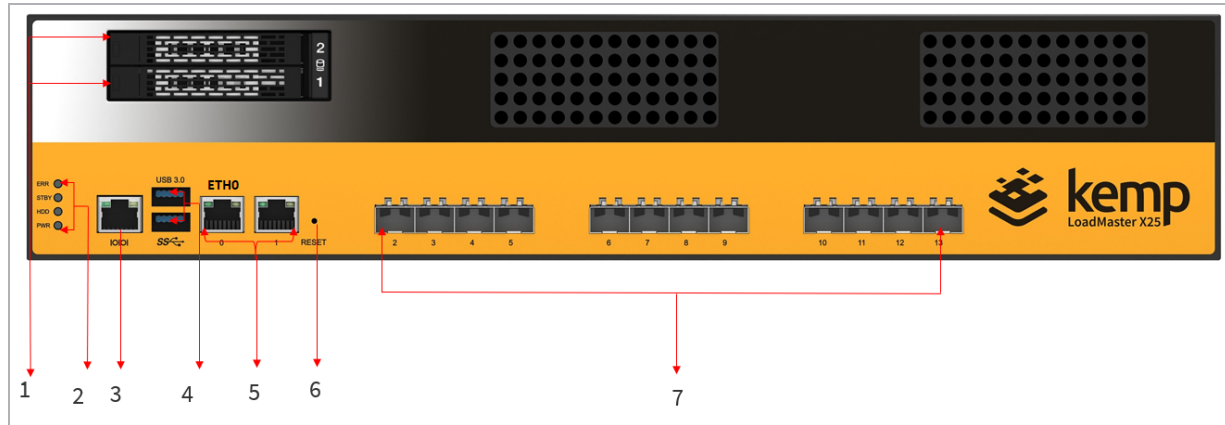


Item No.	Item	Description
8.	VGA port	Used to connect an analog VGA monitor
9.	Power switch	Press to power-on or power-off the system
10.	Dual power supply	700 W AC x1 and a common redundant power supply (CRPS)
11.	USB 3.0 ports	Allows you to connect USB 3.0/2.0/1.1 devices to the system

2.6 LoadMaster LM-X25-MT

Port Location - Front Panel

## 2 Logical Port Label Assignment



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	Built-in hardware RAID controller, supporting RAID 0	Disk mirroring - replicating of data to two or more disks. Good choice for applications requiring high performance and high availability
2.	ERR LED	Error LED - LED red	Indicates if the system is experiencing an error during operation
	STBY LED	Standby LED – LED orange	Indicates if the system is in sleep mode (system idle for too long)
	HDD LED	Indicates the status of the HDD	
		LED – Yellow flashing	Indicates read/write activity of the HDD
		LED – Off	Indicates no activity of HDD
	PWR LED	Indicates the power status of the	

## 2 Logical Port Label Assignment

system			
		LED – Green	Power on
		LED – Off	Power off
3.	RJ-45 console port	Used to connect console devices with RJ45 type connection	
4.	USB 3.0 ports (2)	Allows you to connect USB 3.0/2.0/1.1 devices to the system	
5.	1 Gb copper ethernet ports (2)	2 x 1 Gb copper ports used to connect network devices with LED indicators	Logical Assignment Port 0:1 map to ETH0:ETH1
		Activity LED – Yellow blinking	Indicates data activity
		Activity LED - Off	Indicates no data activity
		Link LED – Green	Indicates data 1 Gb and 10/100 Mb
		Link LED – Off	Indicates no link
6.	Reset button	Reset LoadMaster	GPIO software button
7.	10 Gb SFP+ ports (12)	12 x 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables	Logical Assignment Port 2:13 map to ETH2:ETH13
		Activity LED	Off - no network activity
			Blinking - network activity
		Link LED	Off - no link (cable disconnected)
			Continuously illuminated - link

## Port Location - Real Panel

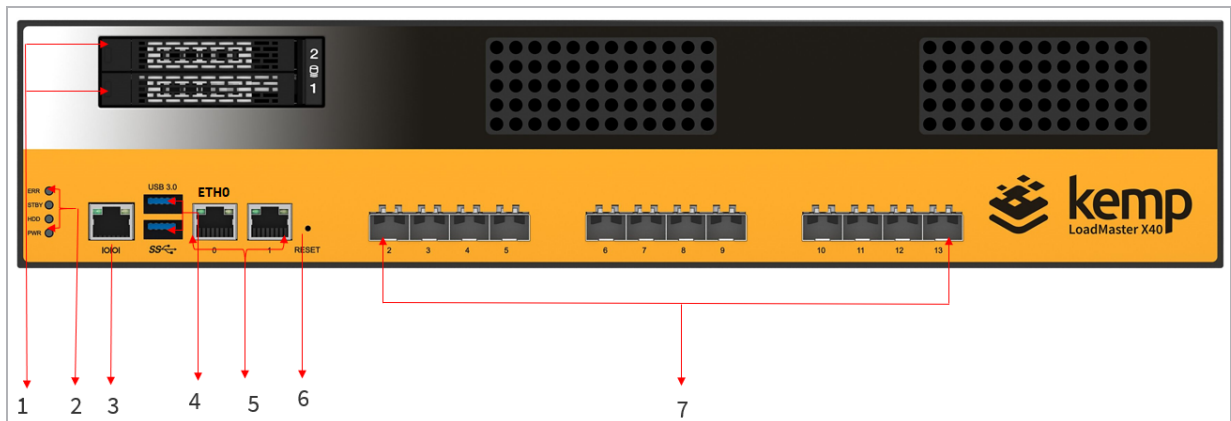
## 2 Logical Port Label Assignment



Item No.	Item	Description
8.	VGA port	Used to connect an analog VGA monitor
9.	Power switch	Press to power-on or power-off the system
10.	Dual power supply	700 W AC x1 and a common redundant power supply (CRPS)
11.	3.0 USB ports	Allows you to connect USB 3.0/2.0/1.1 devices to the system

## 2.7 LoadMaster LM-X40

## Port Location - Front Panel



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	Built-in hardware RAID controller, supporting RAID 0	Disk mirroring - replicating of data to

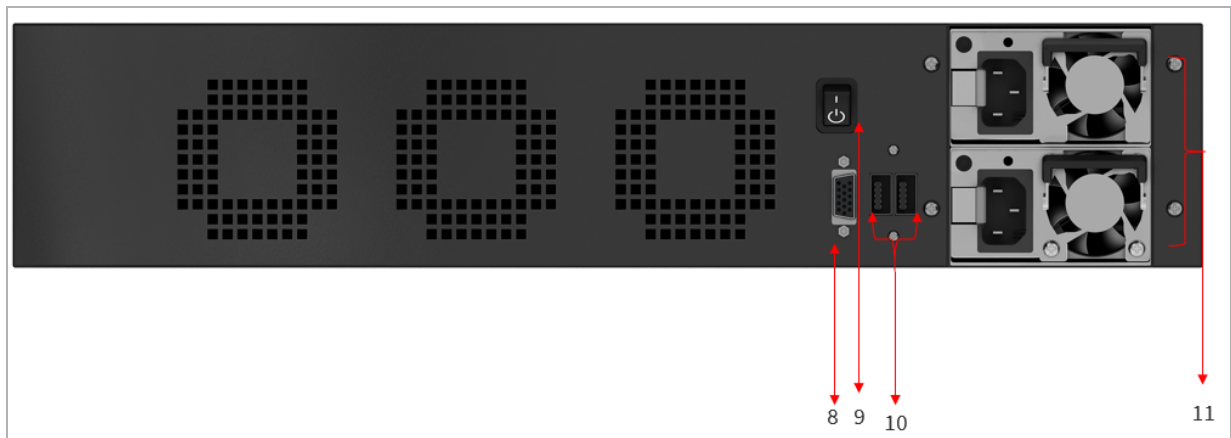
## 2 Logical Port Label Assignment

			two or more disks. Good choice for applications requiring high performance and high availability
2.	ERR LED	Error LED - LED red	Indicates if the system is experiencing an error during operation
	STBY LED	Standby LED – LED orange	Indicates if the system is in sleep mode (system idle for too long)
	HDD LED	Indicates the status of the HDD	Indicates read/write activity of the HDD
		LED – Yellow flashing	Indicates no activity of HDD
		LED – Off	
	PWR LED	Indicates the power status of the system	
		LED - Green	Power on
		LED - Off	Power off
3.	RJ-45 console port	Used to connect console devices with RJ45 type connection	
4.	USB 3.0 ports (2)	Allows you to connect USB 3.0/2.0/1.1 devices to the system	
5.	1 Gb copper ethernet ports (2)	2 x 1 Gb copper ports used to connect network devices with LED indicators	Logical Assignment Port 0:1 map to ETH0:ETH1
		Activity LED – Yellow blinking	Indicates data activity
		Activity LED - Off	Indicates no data activity
		Activity LED – Green	Indicates data 1 Gb

## 2 Logical Port Label Assignment

			and 10/100 Mb
		LINK LED – Off	Indicates no link
6.	Reset button	Reset LoadMaster	GPIO software button
7.	10 Gb SFP+ ports (12)	12 x 10 Gb supporting fiber optic and direct-attach copper (DAC) cables	Logical Assignment Port 2:13 map to ETH2:ETH13
		Activity LED	Off - No network activity
			Blinking - network activity
		Link LED	Off - no link (cable disconnected)
			Continuously illuminated - link

## Port Location - Real Panel

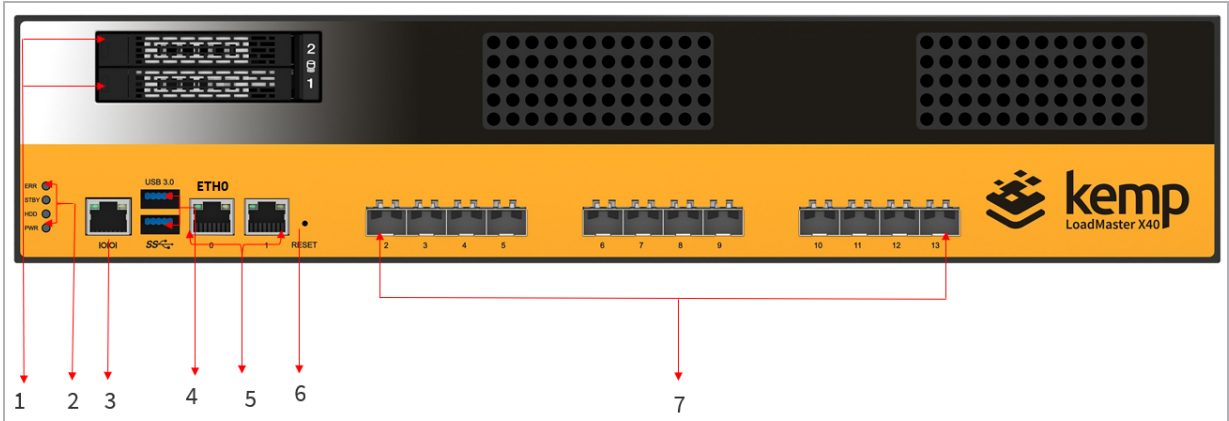


Item No.	Item	Description
8.	VGA port	Used to connect an analog VGA monitor
9.	Power switch	Press to power-on or power-off the system
10.	Dual power supply	700 W AC x1 and a common redundant power supply (CRPS)
11.	3.0 USB ports	Allows you to connect USB 3.0/2.0/1.1 devices to the system



2.8 LoadMaster LM-X40-MT

Port Location - Front Panel



Item No.	Item	Description	Notes
1.	RAID (Dual HDD)	Built-in hardware RAID controller, supporting RAID 0	Disk mirroring - replicating of data to two or more disks. Good choice for applications requiring high performance and high availability
2.	ERR LED	Error LED - LED red	Indicates if the system is experiencing an error during operation
	STBY LED	Standby LED – LED orange	Indicates if the system in sleep mode (system idle for too long)
	HDD LED	Indicates the status of the HDD	Bypass enabled
		LED – Yellow flashing LED	Indicates read/write

## 2 Logical Port Label Assignment

			activity of the HDD
		LED – Off	Indicates no activity of HDD
	PWR LED	Indicates the power status of the system	
		LED – Green	Power on
		LED – Off	Power off
3.	RJ-45 console port	Used to connect console devices with RJ45 type connection	
4.	USB 3.0 ports (2)	Allows you to connect USB 3.0/2.0/1.1 devices to the system	
5.	1 Gb copper ethernet ports (2)	2 x 1 Gb copper ports used to connect network devices with LED indicators	Logical Assignment Port 0:1 map to ETH0:ETH1
		ACT LED – Yellow blinking	Indicates data activity
		ACT LED - Off	Indicates no data activity
		LINK LED – Green	Indicates data 1Gb and 10/100Mb
		LINK LED – Off	Indicates no link
6.	Reset button	Reset LoadMaster	GPIO software button
7.	10 Gb SFP+ ports (12)	12 x 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables	Logical Assignment Port 2:13 map to ETH2:ETH13
		Activity LED	Off - no network activity
			Blinking - network activity
		Link LED	Off - no link (cable disconnected)

Continuously  
illuminated - link

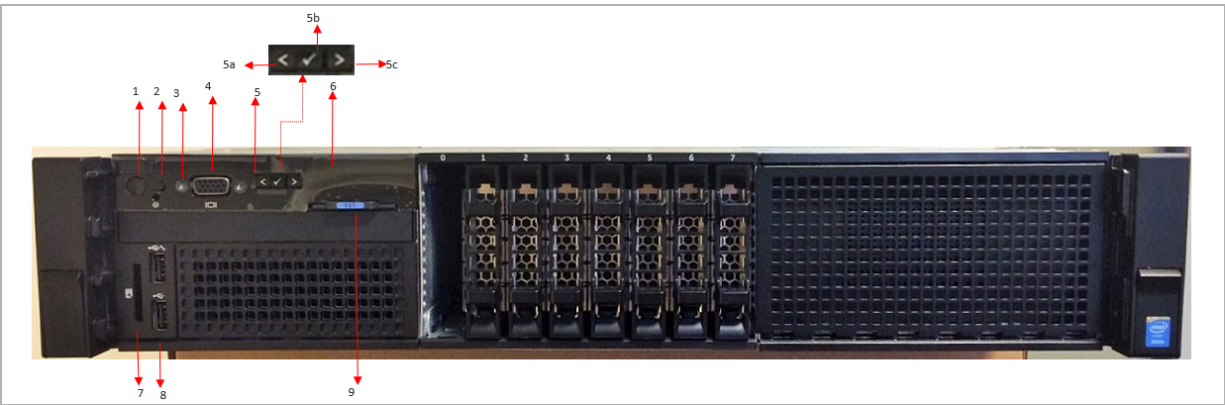
Port Location - Rear Panel



Item No.	Item	Description
8.	VGA port	Used to connect an analog VGA monitor
9.	Power switch	Press to power-on or power-off the system
10.	Dual power supply	700 W AC x1 and a common redundant power supply (CRPS)
11.	3.0 USB ports	Allows you to connect USB 3.0/2.0/1.1 devices to the system

2.9 LoadMaster LM 8020-FIPS

Port Location - Front Panel

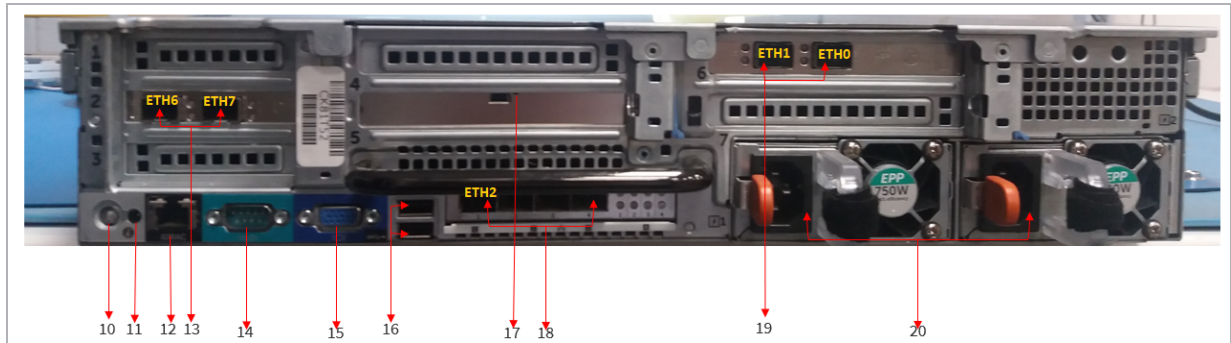


## 2 Logical Port Label Assignment

Item No.	Item	Description
1.	Power on indicator/Power button	The power-on indicator lights green when the system power is on. The power button controls the power supply output to the system
2.	NMI button	Not functional
3.	System identification button	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	Allows you to connect a VGA display to the system
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. Can be turned on by pressing any of the LCD Menu buttons.
7.	SD card slot for vFlash	Not functional
8.	USB connectors (2)	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**

## 2 Logical Port Label Assignment



Item No.	Item	Description	Notes
10.	System identification button	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 functional	
12.	iDRAC8 port	Dedicated management port	
13.	2x 10 Gb SFP+ ports	Two 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables.	Logical Assignment Port 6:7 map to ETH6:ETH7
		Activity LED	Off - no network activity
			Blinking - network activity
		Link LED	Off - no link (cable disconnected)
			Continuously illuminated -

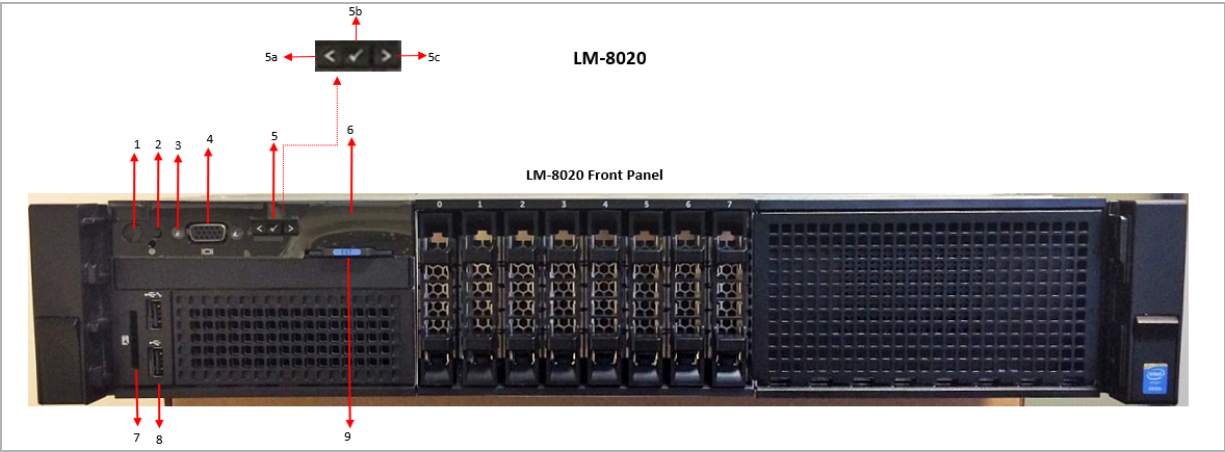
## 2 Logical Port Label Assignment

			link
14.	Serial/console port	Allows you to connect the system to a serial device	
15.	VGA port	Allows you to connect a VGA display to the system	
16.	USB 2.0 connectors (2)	Allows you to connect USB 2.0 / 1.0 devices to the system	
17.	2x 10 Gb SFP+ ports	Two 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables.	Logical Assignment Port 0:1 map to ETH1:ETH0
Activity LED			Off - no network activity
			Blinking - network activity
Link LED			Off - no link (cable disconnected)
			Continuously illuminated – link
18.	4x 10 Gb SFP+ ports	Four 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables.	Logical Assignment Port 2:5 map to ETH2:ETH5
Activity LED			Off - no network activity
			Blinking - network activity

		Link LED	Off - no link (cable disconnected)
			Continuously illuminated – link
19.	Dual power supply	7550 W AC power supply	

2.10 LoadMaster LM-8020 and LM-8020M

Port Location - Front Panel

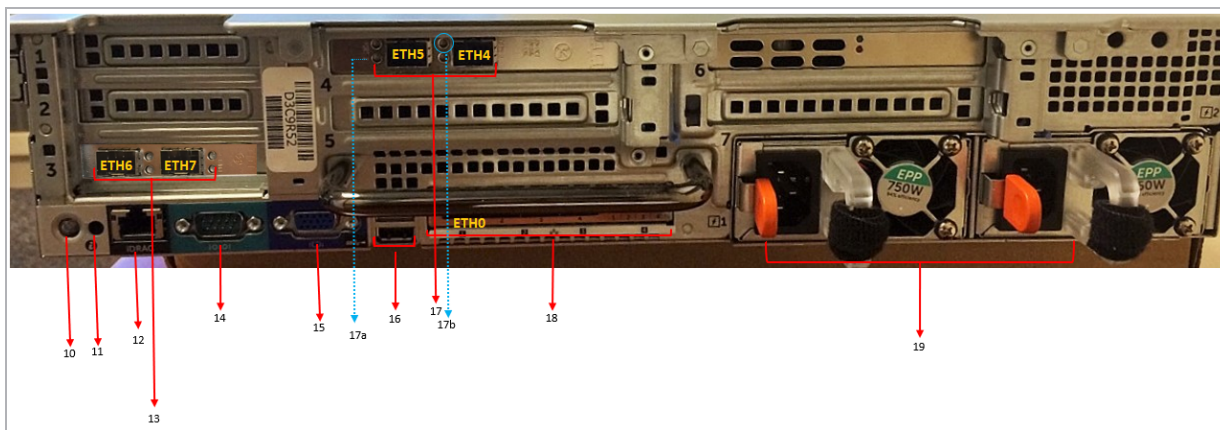


Item No.	Item	Description
1.	Power on indicator/power button	The power-on indicator lights green when the system power is on. The power button controls the power supply output to the system
2.	NMI button	Not functional
3.	System identification button	When pressed on either the front or rear panel, flashes to locate the system in the rack. Press the button again to stop flashing.
4.	VGA port	Allows you to connect a VGA display to the system

## 2 Logical Port Label Assignment

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. Can be turned on by pressing any of the LCD Menu buttons.		
7.	SD card slot for vFlash	Not functional
8.	USB connectors (2)	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	Item	Description	Notes
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## 2 Logical Port Label Assignment

No.			
10.	System identification button	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 functional	
12.	iDRAC8 port	Dedicated management port	
13.	2x 10 Gb SFP+ ports	Two 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables.	Logical Assignment Port 6:7 map to ETH6:ETH7
		Activity LED	Off - no network activity
			Blinking - network activity
		Link LED	Off - no link (cable disconnected)
			Continuously illuminated – link
14.	Serial/console port	Allows you to connect the system to a serial device	
15.	VGA port	Allows you to connect a VGA display to the system	
16.	USB connectors (2)	Allows to connect USB devices to the system	
17.	4x 10 Gb SFP+ ports	Four 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables.	Logical Assignment Port 0:3 map to ETH0:ETH3

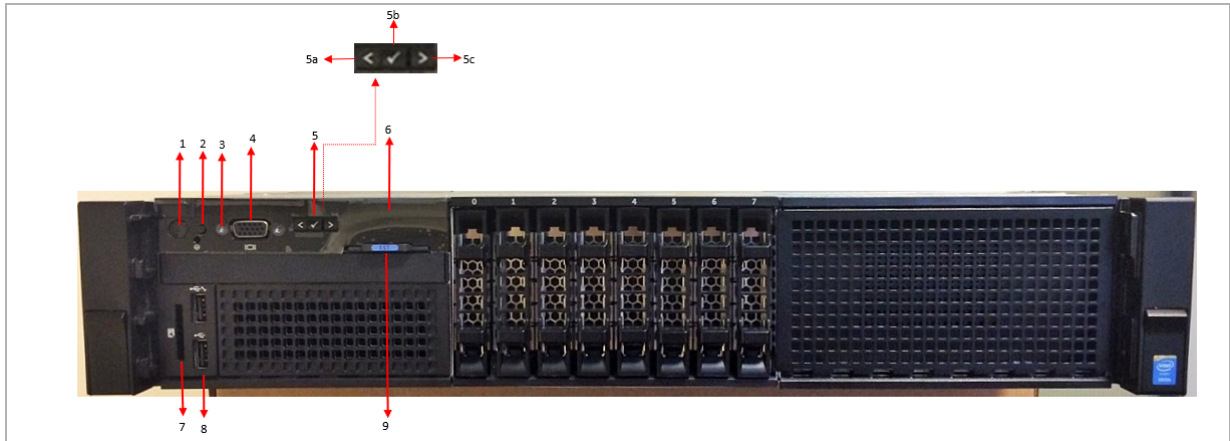
## 2 Logical Port Label Assignment

			Off - no network activity
Activity LED			
			Blinking - network activity
Link LED			Off - no link (cable disconnected)
Blinking - network activity			Continuously illuminated – link
18.	2x 10 Gb SFP+ ports	Two 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables.	Logical Assignment Port 4:5 map to ETH5:ETH4
Activity LED			Off - no network activity
			Blinking - network activity
Link LED			Off - no link (cable disconnected)
			Continuously illuminated – link
19.	Dual power supply	750 W AC power supply	

## 2.11 LoadMaster LM-8000 and 8010-MT

### Port Location - Front Panel

## 2 Logical Port Label Assignment



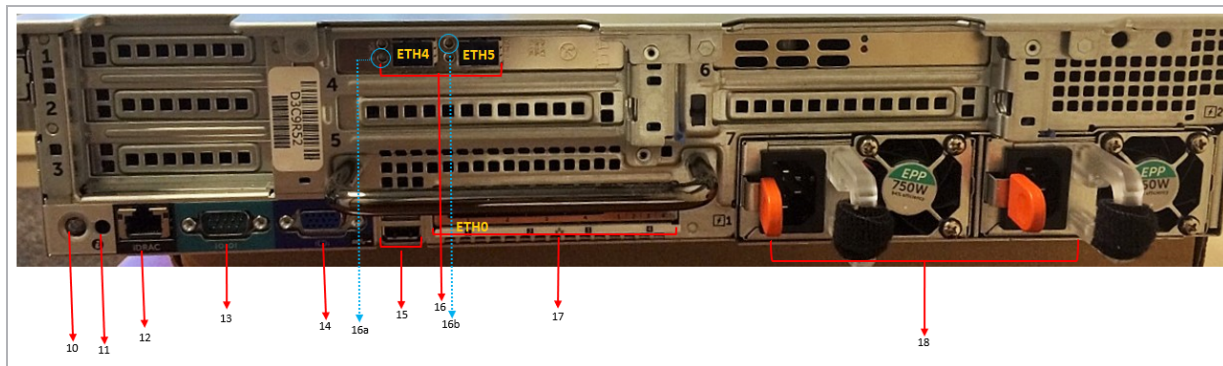
Item No.	Item	Description
1.	Power on indicator/power button	The power-on indicator lights green when the system power is on. The power button controls the power supply output to the system
2.	NMI button	Not functional
3.	System identification button	When pressed on either the front or rear panel, flashes to locate the system in the rack. Press the button again to stop flashing.
4.	VGA port	Allows you to connect a VGA display to the system
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. Can be turned

## 2 Logical Port Label Assignment

on by pressing any of the LCD Menu button.

7.	SD card slot for vFlash	Not functional
8.	USB connectors (2)	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



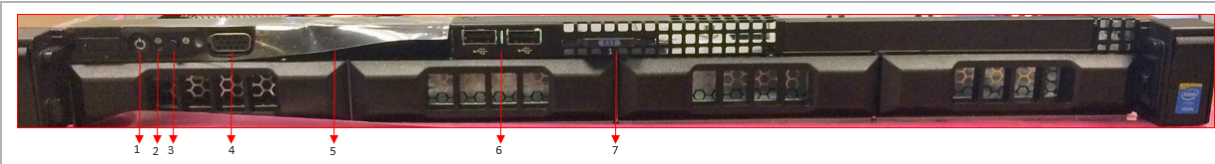
Item No.	Item	Description	Notes
10.	System identification button	When pressed on either the front or rear panel, flashes to locate the system in the rack. Press the button again to stop flashing.	
11.	System identification connector	Not functional	
12.	iDRAC8 port	Dedicated management port	
13.	Serial/console port	Allows you to connect the system to a serial device	
14.	VGA port	Allows you to connect a VGA display to the system	
15.	USB connectors (2)	Allows you to connect USB devices to the system	

## 2 Logical Port Label Assignment

16.	2x 10 Gb SFP+ ports	Two 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables.	Logical Assignment Port 4:5 map to ETH4:ETH5
		Activity LED	Off - no network activity
			Blinking - network activity
		Link LED	Off - no link (cable disconnected)
			Continuously illuminated – link
17.	4x 10 Gb SFP+ ports	Four 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables.	Logical Assignment Port 0:3 map to ETH0:ETH3
		Activity LED	Off - no network activity
			Blinking - network activity
		Link LED	Off - no link (cable disconnected)
			Continuously illuminated – link
18.	Dual power supply	750 W AC power supply	

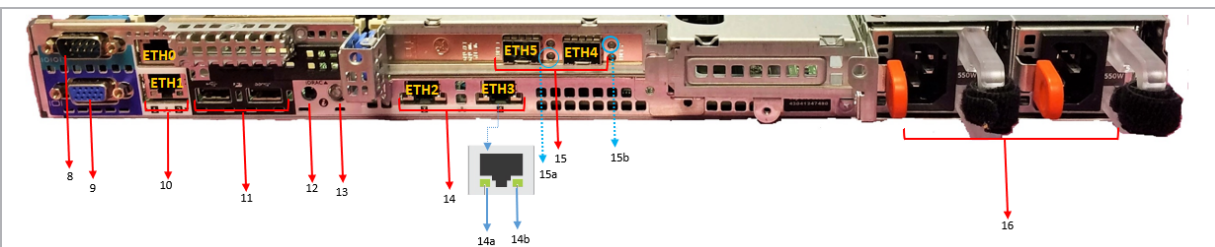
## 2.12 LoadMaster LM-5600 and LM-5610

### Port Location – Front Panel



Item No.	Item	Description
1.	Power on indicator/power button	The power-on indicator lights green when the system power is on. The power button controls the power supply output to the system
2.	NMI button	Not functional
3.	System identification button	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	Allows you to connect a VGA display to the system
5.	Diagnostic indicator	The diagnostic indicator lights up to display error status
6.	USB 3.0 ports (2)	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
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## 2 Logical Port Label Assignment

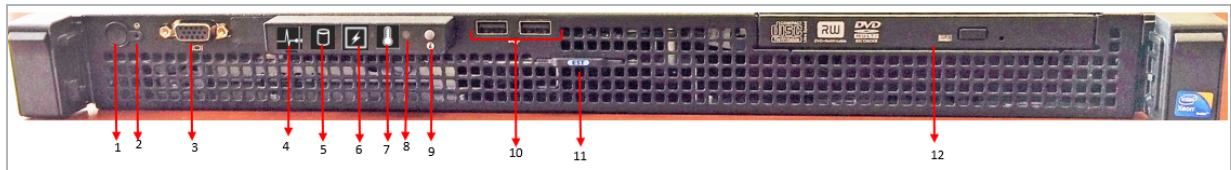
8.	Serial/console port	Allows you to connect the system to a serial device
9.	VGA port	Allows you to connect a VGA display to the system
10.	2x 1 Gb ethernet ports	Two integrated 10/100/1000 Mbps NIC connectors Logical Assignment Port 1:2 map to ETH0:ETH1
11.	USB connectors (2)	Allows you to connect USB devices to the system
12.	System status indicator	Blue – indicates normal system operation Blinks amber – indicates system has an error and needs attention
13.	System identification button	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.	2x 1 Gb ethernet ports	Two integrated 10/100/1000 Mbps NIC connectors Logical Assignment Port 3:4 map to ETH2:ETH3
	Activity LED	Off – indicates NIC not connected to the network Blinking green – indicates network data being sent or received
	Link LED	Off – indicates NIC not connected to the network Green – indicates NIC connected to a valid network at its maximum port speed Amber – indicates NIC connected to a valid network at less than its maximum port speed
15.	2x 10 Gb SFP+ ports	Two 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables. Logical Assignment Port 5:6 map to ETH5:ETH4
	Activity LED	Off - No network activity Blinking - network activity

## 2 Logical Port Label Assignment

	Link LED	Off - no link (cable disconnected)
		Continuously illuminated – link
16.	Dual power supply	550 W AC power supply x2

## 2.13 LoadMaster LM-4000

## Port Location - Front Panel



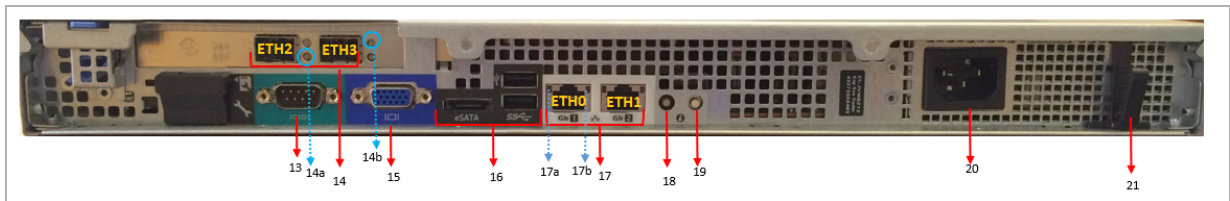
Item No.	Item	Description
1.	Power on indicator/power button	The power-on indicator lights green when the system power is on. The power button controls the power supply output to the system
2.	NMI button	Not functional
3.	VGA port	Allows you to connect a VGA display to the system
4.	Health indicator	Solid blue – indicates system is on and in good health Blinks amber – indicates system is on and an error exists or system is in standby mode
5.	Hard-drive Indicator	Blinks green – indicates hard drive activity
6.	Electrical indicator	Blinks amber – indicates electrical error such as failed power supply or voltage out of range, and so on
7.	Temperature Indicator	Blinks amber – indicates thermal error such as fan failure, temperature out of range, and so on
8.	System status indicator	Blue – indicates normal system operation Blinks amber – indicates system has error and needs attention
9.	System identification	When pressed on either the front or rear panel, flashes to



## 2 Logical Port Label Assignment

	button	locate the system in the rack. Press the button again to stop flashing.
10.	USB 3.0 ports (2)	Allows you to connect USB 3.0/2.0/1.1 devices 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



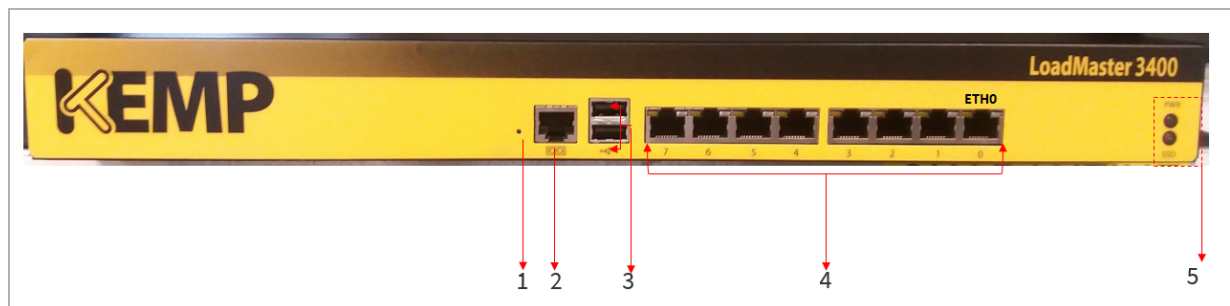
Item No.	Item	Description
13.	Serial/Console port	Allows you to connect the system to a serial device
14.	2x 10 Gb SFP+ ports	Two 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables.
		Logical Assignment Port 3:4 map to ETH2:ETH3
	Activity LED	Off - No network activity
		Blinking - Network activity
	Link LED	Off - No link (cable disconnected)
		Continuously illuminated – link
15.	VGA port	Allows you to connect a VGA display to the system
16.	eSATA + USB Connectors (2)	eSATA – allows you to connect to additional storage devices
		USB - allows you to connect USB devices to the system

## 2 Logical Port Label Assignment

17.	2x 1 Gb Ethernet ports	Two integrated 10/100/1000 Mbps NIC connectors
		Logical Assignment Port 1:2 map to ETH0:ETH1
	Link indicator	Off – indicates NIC not connected to the network
		Green – indicates NIC connected to a valid network at its maximum port speed
		Amber – indicates NIC connected to a valid network at less than its maximum port speed
	Activity indicator	Off – indicates NIC not connected to the network
		Blinking green – indicates network data being sent or received
18.	System status indicator	Blue – indicates normal system operation
		Blinks amber – indicates system has error and needs attention
19.	System identification button	When pressed on either the front or rear panel, flashes to locate the system in the rack. Press the button again to stop flashing.
20.	Power supply	250 W AC power supply
21.	Retention clip to secure power cable	Secures the power cable

## 2.14 LoadMaster LM-3400

## Port Location – Front Panel



Item	Item	Description	Notes
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## 2 Logical Port Label Assignment

No.			
1.	Reset button	Reset LoadMaster	GPIO software button
2.	RJ-45 console port	Used to connect console devices with RJ45/Micro USB type connection	
3.	USB 2.0 ports (2)	Allows you to connect USB 2.0/1.1 devices to the system	
4.	1 Gb copper ethernet ports (8)	8 x 1 Gb copper ports used to connect LAN network devices with LED indicators	Logical Assignment Port 7:0 map to ETH7:ETH0
		Activity LED - Yellow blinking	Indicates data activity
		Activity LED - Off	Indicates no data activity
		Link LED – Green	Indicates data 1 Gb and 10/100 Mb
		Link LED – Off	Indicates no link
5.	Power LED	Indicates the power status of the system	
		LED - Green	Power on
		LED - Off	Power off
	SSD LED	Indicates the status of the Solid State Disk (SSD)	
		LED - Yellow flashing	Indicates read/write activity of the SSD
		LED - Off	Indicates no activity of SSD

### Port Location - Rear Panel

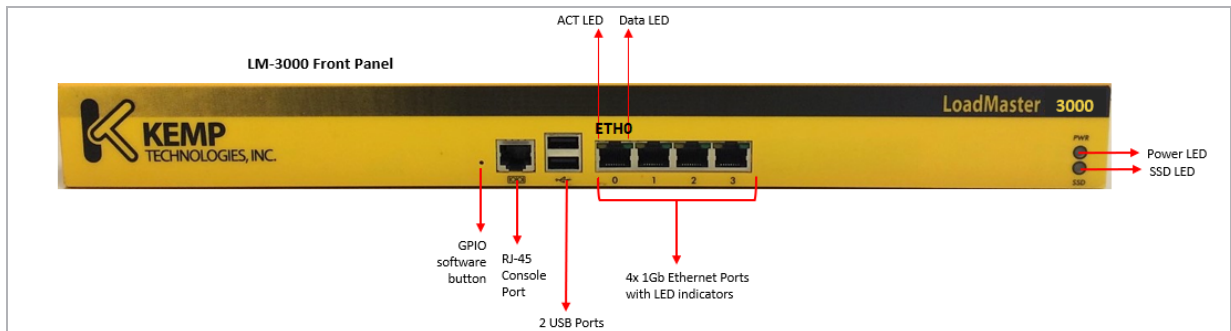
## 2 Logical Port Label Assignment



Item No.	Item	Description
6.	VGA	Used to connect an analog VGA monitor
7.	USB 2.0 ports	Allows you to connect USB 2.0/1.1 devices to the system
8.	Power supply	200 W AC power supply
9.	Power 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 button	Reset LoadMaster	GPIO software button
2.	RJ-45/ console port	Used to connect console devices with RJ45/Micro USB type connection	
3.	USB 2.0 ports (2)	Allows you to connect USB 2.0/1.1 devices to the system	

## 2 Logical Port Label Assignment

4.	1Gb copper ethernet ports (4)	4 x 1 Gb copper ports used to connect LAN network devices with LED indicators	Logical Assignment Port 0:3 map to ETH0:ETH3
		Activity LED - Yellow blinking	Indicates data activity
		Activity LED - Off	Indicates no data activity
		Link LED – Green	Indicates data 1 Gb and 10/100 Mb
		Link LED – Off	Indicates no link
5.	Power LED	Indicates the power status of the system	
		LED - Green	Power on
		LED - Off	Power off
	SSD LED	Indicates the status of the Solid State Disk (SSD)	
		LED - Yellow flashing	Indicates read/write activity of the SSD
		LED - Off	Indicates no activity of SSD

### Port Location - Rear Panel



Item No.	Item	Description
6.	VGA	Used to connect an analog VGA monitor
7.	USB 2.0 ports	Allows you to connect USB 2.0/1.1 devices to the system
8.	Power supply	200 W AC power supply
9.	Power switch	Press to power-on or power-off the system

# Last Updated Date

This document was last updated on 27 July 2023.