



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.

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

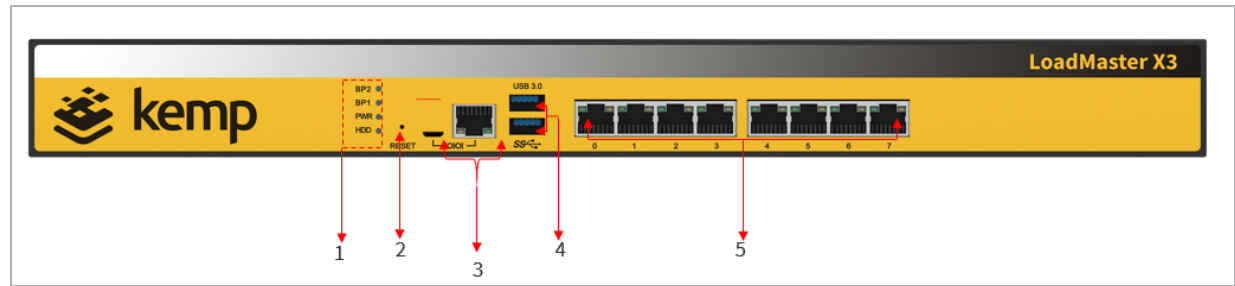
This document is intended to be read by anyone who is interested in finding out the logical port label assignment when installing a hardware LoadMaster.

2 Logical Port Label Assignment

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

2.1 LoadMaster LM-X3

Port Location - Front Panel

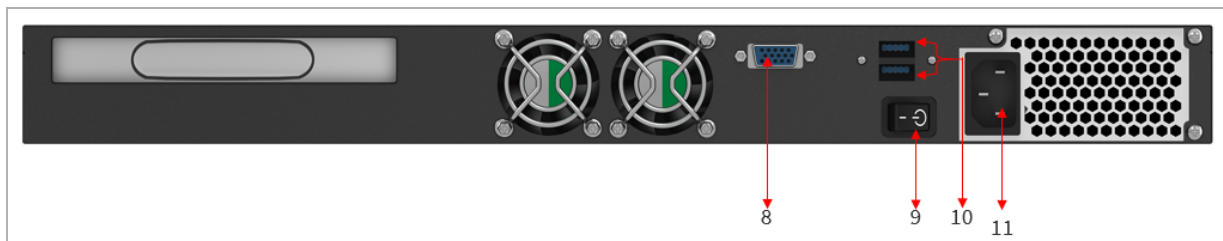


Item No.	Item	Description
1.	PB2 LED	Not used by LoadMaster OS
	PB1 LED	Indicates the LAN bypass
		BP1 and BP2 LED – On Bypass enabled
		BP1 and BP2 LED – Off Bypass disabled
	PWR LED	Indicates the power status of the system
		LED – Green Power on
		LED – Off Power off
	HDD LED	Indicates the status of the Hard Disk Drive (HDD)
		LED – Yellow flashing Indicates read/write activity of the HDD
		LED – Off Indicates no activity

2 Logical Port Label Assignment

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

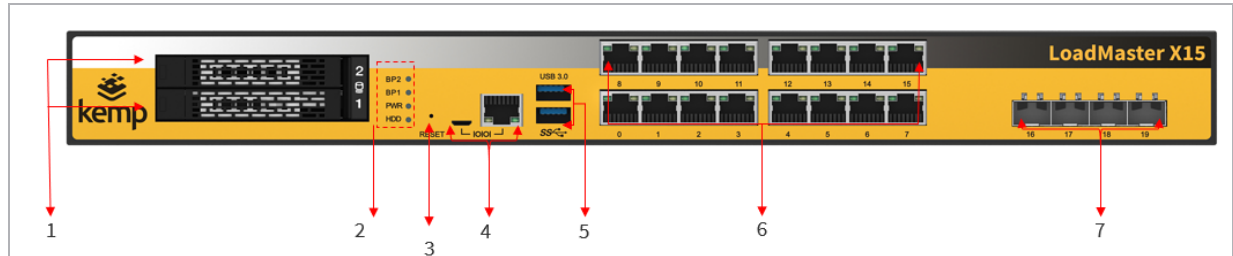
Port Location - Rear Panel



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

2.2 LoadMaster LM-X15

Port Location - Front Panel

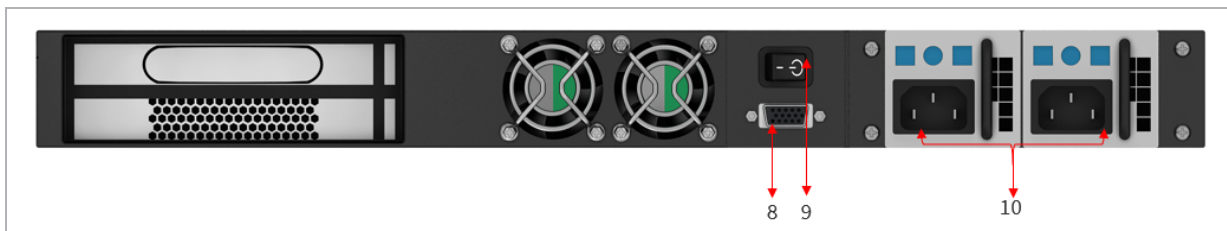


Item No.	Item	Description
1.	RAID (Dual HDD)	<p>Built-in hardware RAID controller, supporting RAID 0</p> <p>Disk mirroring - replicating of data to two or more disks. Good choice for applications requiring high performance and high availability</p>
2.	PB2 LED PB1 LED	<p>*Not used by LoadMaster OS</p> <p>Indicates the LAN bypass</p>
		BP1 and BP2 LED – On Bypass enabled
		BP1 and BP2 LED – Off Bypass disabled
	PWR LED	<p>Indicates the power status of the system</p>
		LED – Green Power ON
		LED – Off Power Off
	HDD LED	<p>Indicates the status of the Hard Disk Drive (HDD)</p>
		LED – Yellow flashing Indicates read/write activity of the HDD
		LED – Off Indicates no activity of HDD
3.	Reset button	Reset LoadMaster

2 Logical Port Label Assignment

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
ACT LED – Yellow blinking		Indicates data activity
ACT LED - Off		Indicates no data activity
LINK LED – Green		Indicates data 1 G 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.
Activity LED		Off - no network activity
		Blinking - network activity
Link LED		Off - no link (cable disconnected)
		Continuously illuminated – link

Port Location - Rear Panel

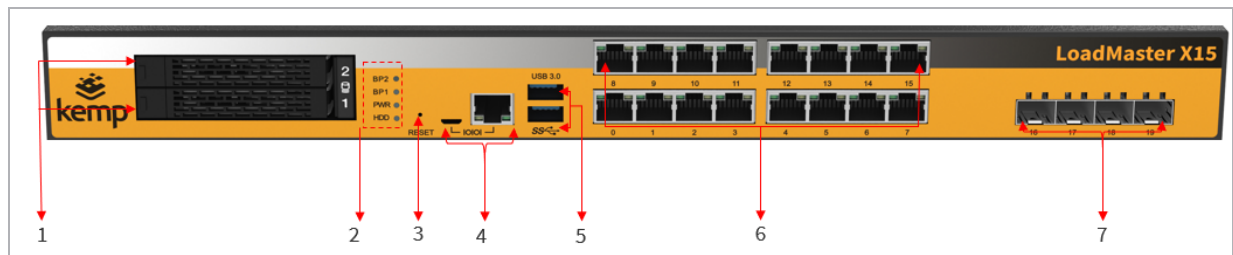


2 Logical Port Label Assignment

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)

2.3 LoadMaster LM-X15-MT

Port Location - Front Panel



Item No.	Item	Description
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 LoadMaster OS 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

2 Logical Port Label Assignment

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	
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	
		ACT LED – Yellow blinking	Indicates data activity
		ACT LED - Off	Indicates no data activity
		LINK LED – Green	Indicates data 1 G 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	
		Activity LED	Off - no network activity
			Blinking - network activity
		Link LED	Off - no link (cable disconnected)
			Continuously illuminated - link

Port Location - Rear Panel

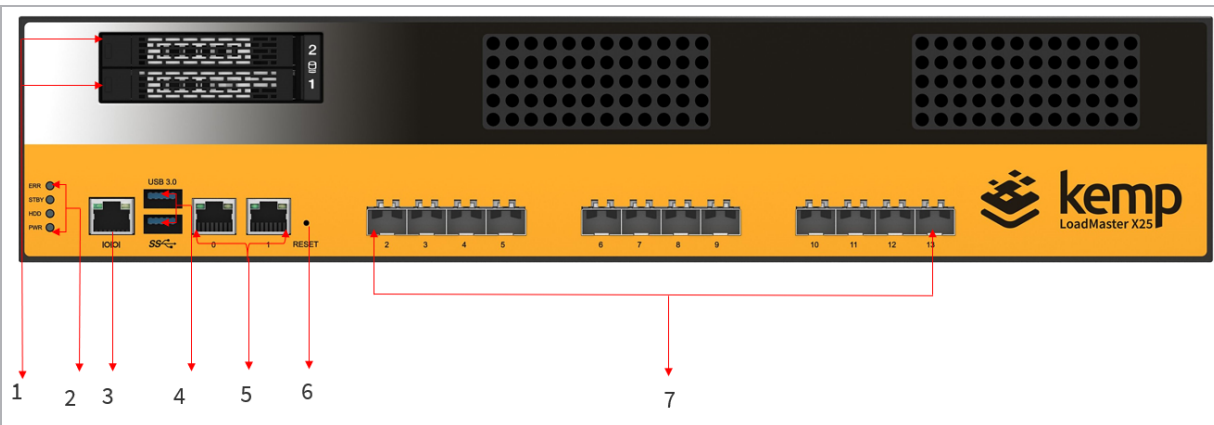
2 Logical Port Label Assignment



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	220 W AC by 1 and common redundant power supply (CPRS)

2.4 LoadMaster LM-X25

Port Location - Front Panel



Item No.	Item	Description
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	
		Activity LED – Yellow blinking	Indicates data activity
		Activity LED - Off	Indicates no data activity
		Link LED – Green	Indicates data 1 G 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	Off - No link (cable disconnected)
			Continuously illuminated – Link

2 Logical Port Label Assignment

Activity LED	Off - no network activity
	Blinking - network activity
Link LED	Off - no link (cable disconnected)
	Continuously illuminated – link

Port Location - Real Panel

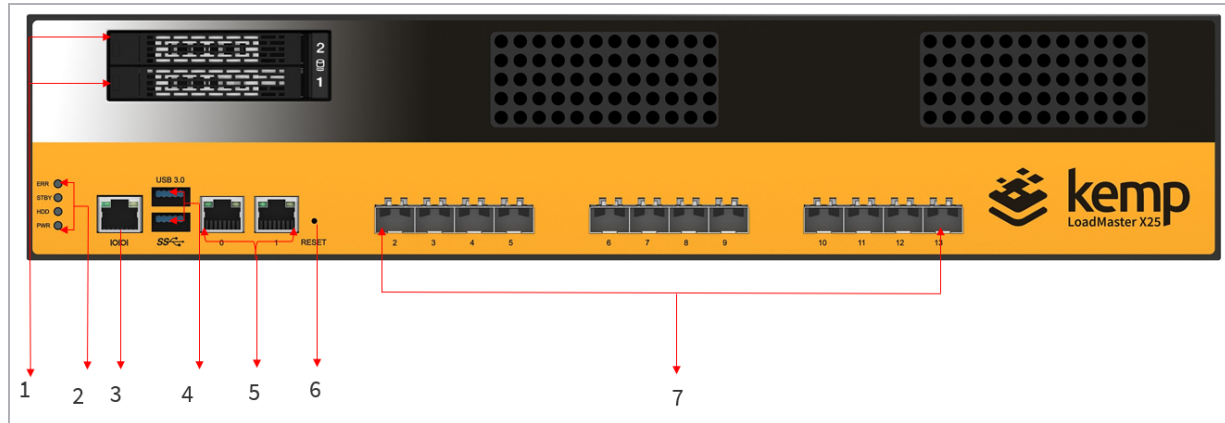


Item No.	Item	Description
8.	VGA port	Used to connect an analog VGA monitor
9.	Power switch	Press to power-on or power-off the system
10.	Dual power supply	700 W AC x1 and a common redundant power supply (CRPS)
11.	USB 3.0 ports	Allows you to connect USB 3.0/2.0/1.1 devices to the system

2.5 LoadMaster LM-X25-MT

Port Location - Front Panel

2 Logical Port Label Assignment



Item No.	Item	Description	
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 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	

2 Logical Port Label Assignment

system			
5.	1 Gb copper ethernet ports (2)	2 x 1 GB copper ports used to connect network devices with LED indicators	
		Activity LED – Yellow blinking	Indicates data activity
		Activity LED - Off	Indicates no data activity
		Link LED – Green	Indicates data 1 G 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	
		Activity LED	Off - no network activity
			Blinking - network activity
		Link LED	Off - no link (cable disconnected)
			Continuously illuminated - link

Port Location - Real Panel

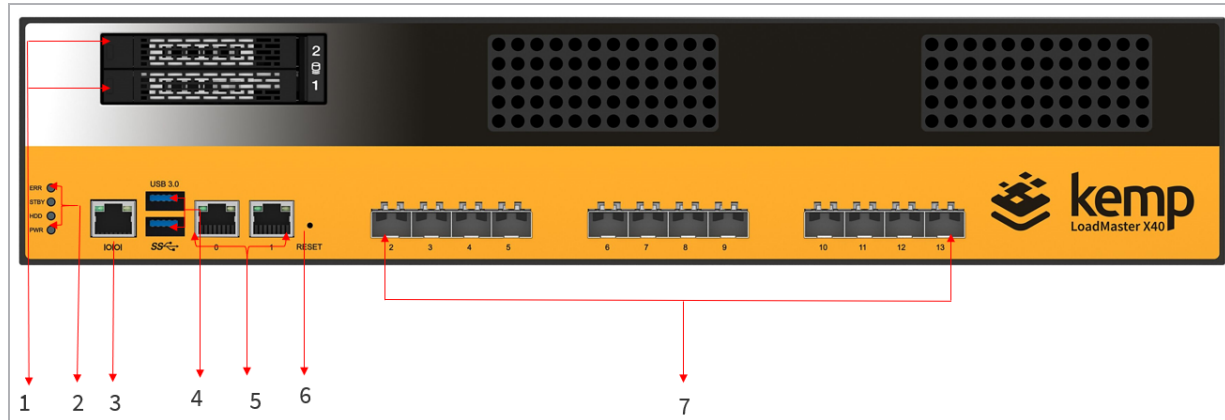


2 Logical Port Label Assignment

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

2.6 LoadMaster LM-X40

Port Location - Front Panel



Item No.	Item	Description
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 Indicates read/write activity of the HDD
		LED - Yellow flashing Indicates no activity of HDD

2 Logical Port Label Assignment

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	
		Activity LED – Yellow blinking	Indicates data activity
		Activity LED - Off	Indicates no data activity
		Activity LED – Green	Indicates data 1 G 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	
		Activity LED	Off - No network activity
			Blinking - network activity
		Link LED	Off - no link (cable disconnected)
			Continuously illuminated - link

2 Logical Port Label Assignment

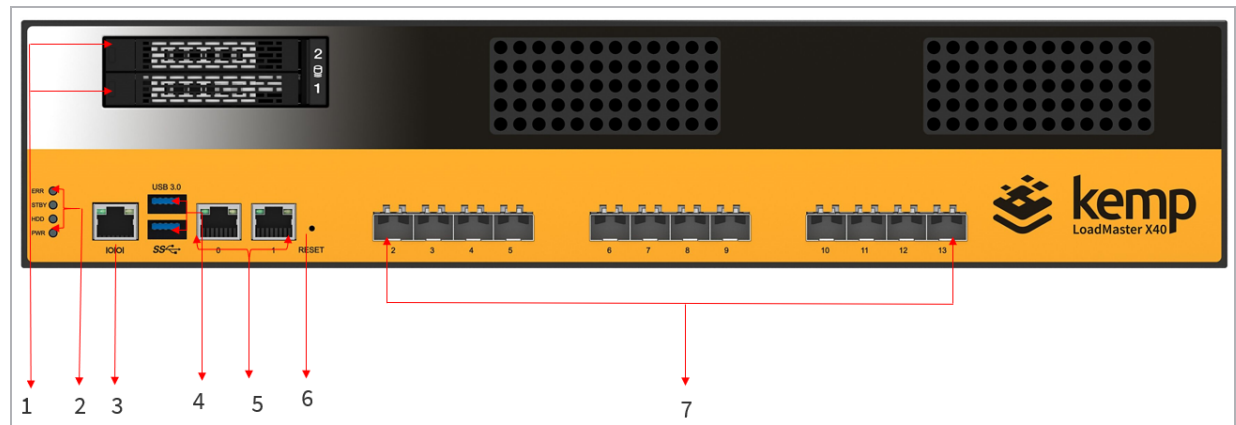
Port Location - Real Panel



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

2.7 LoadMaster LM-X40-MT

Port Location - Front Panel



Item	Item	Description
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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.	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 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	
		ACT LED – Yellow blinking	Indicates data activity
		ACT LED - Off	Indicates no data activity
		LINK LED – Green	Indicates data 1 G and 10/100 MB
		LINK LED – Off	Indicates no link

2 Logical Port Label Assignment

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	
		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

2.8 LoadMaster LM 8020-FIPS

Port Location - Front Panel

2 Logical Port Label Assignment

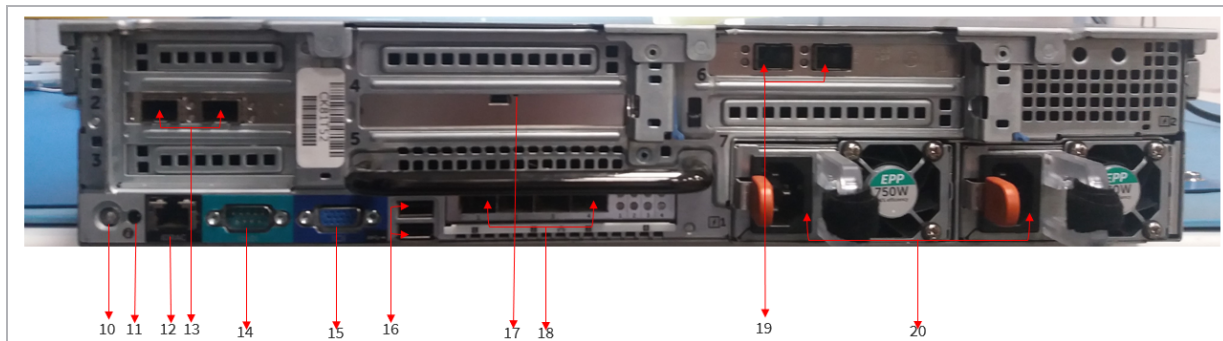


Item No.	Item	Description
1.	Power on indicator/Power button	The power-on indicator lights green when the system power is on. The power button controls the power supply output to the system
2.	NMI button	Not functional
3.	System identification button	When pressed on either the front or rear panel, flashes 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.

2 Logical Port Label Assignment

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



Item No.	Item	Description
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. A
	Activity LED	Off - no network activity
		Blinking - network

2 Logical Port Label Assignment

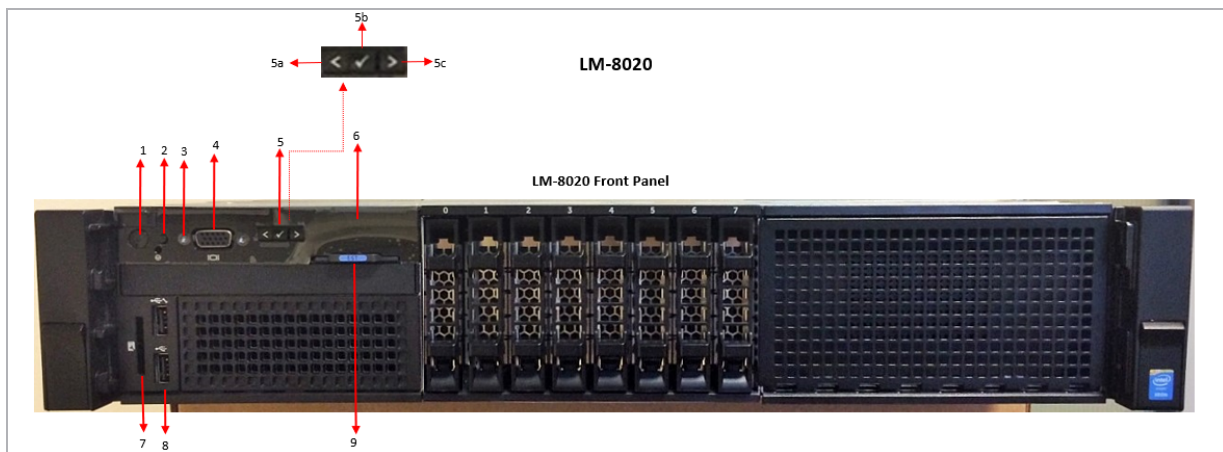
			activity
Link LED			Off - no link (cable disconnected)
			Continuously illuminated – link
14.	Serial/console port	Allows you to connect the system to a serial device	
15.	VGA port	Allows you to connect a VGA display to the system	
16.	USB 2.0 connectors (2)	Allows you to connect USB 2.0 / 1.0 devices to the system	
17.	2x 10 Gb SFP+ ports	Two 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables.	
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.	
Activity LED			Off - no network activity

2 Logical Port Label Assignment

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

2.9 LoadMaster LM-8020 and LM-8020M

Port Location - Front Panel

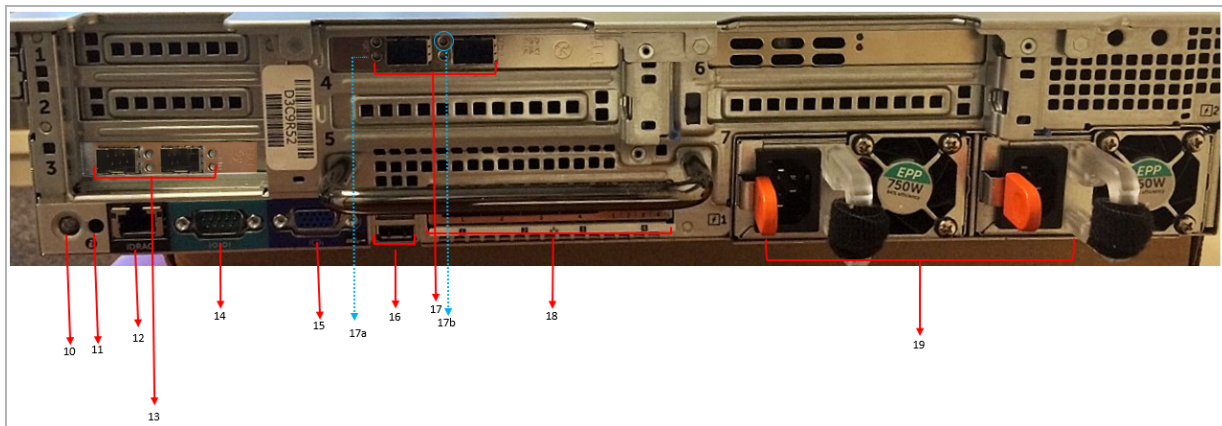


Item No.	Item	Description
1.	Power on indicator/power button	The power-on indicator lights green when the system power is on. The power button controls the power supply output to the system
2.	NMI button	Not functional
3.	System identification	When pressed on either the front or rear panel, flashes to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

2 Logical Port Label Assignment

	button	
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 – Rear Panel



2 Logical Port Label Assignment

Item No.	Item	Description
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.
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.
Activity LED		Off - no network

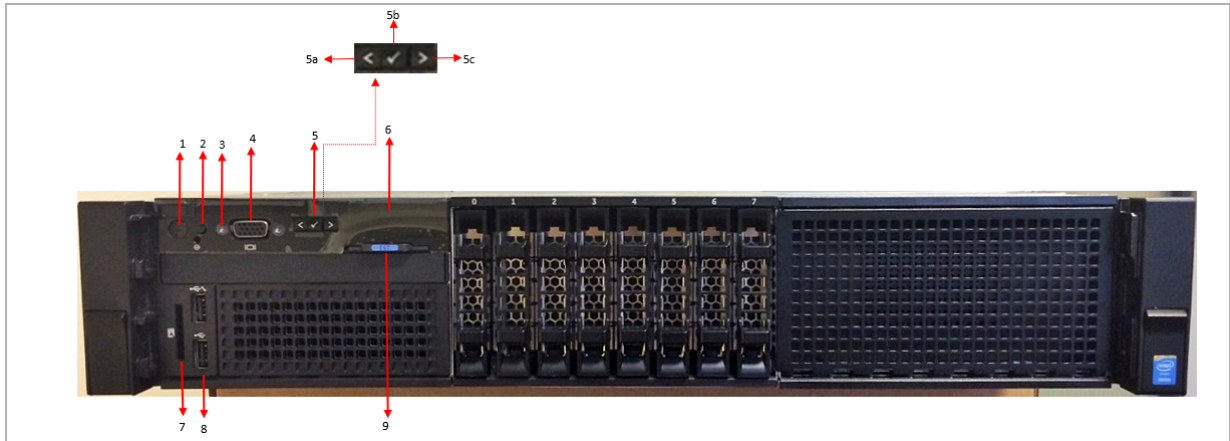
2 Logical Port Label Assignment

			activity
			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.	
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	

2.10 LoadMaster LM-8000 and 8010-MT

Port Location - Front Panel

2 Logical Port Label Assignment



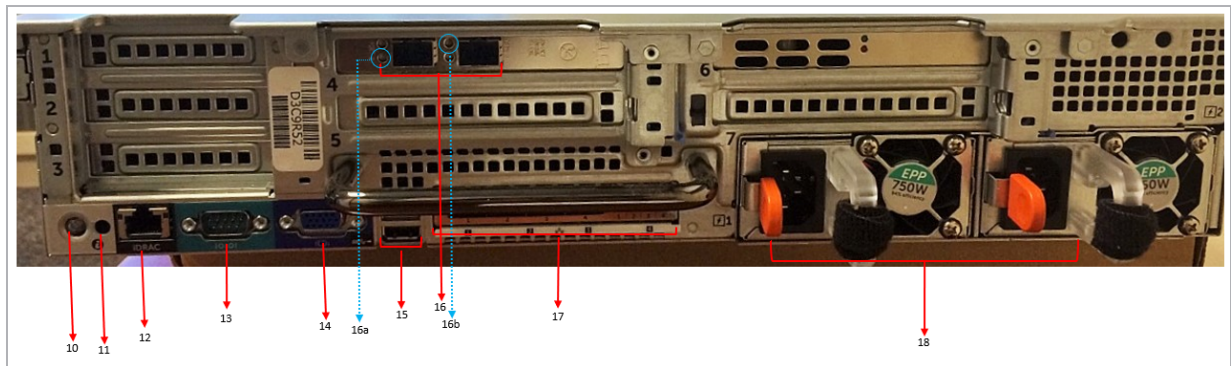
Item No.	Item	Description
1.	Power on indicator/power button	The power-on indicator lights green when the system power is on. The power button controls the power supply output to the system
2.	NMI button	Not functional
3.	System identification button	When pressed on either the front or rear panel, flashes 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
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

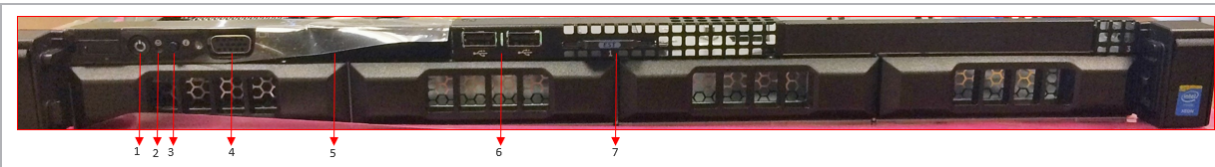
2 Logical Port Label Assignment

16.	2x 10 Gb SFP+ ports	Two 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables.
	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.
	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

2.11 LoadMaster LM-5600 and LM-5610

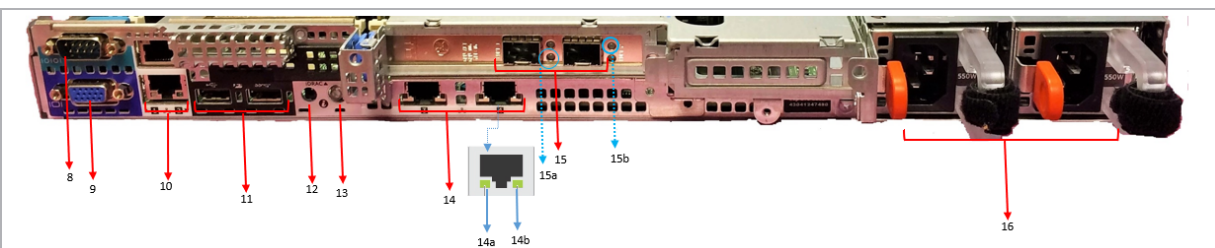
Port Location – Front Panel

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.	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



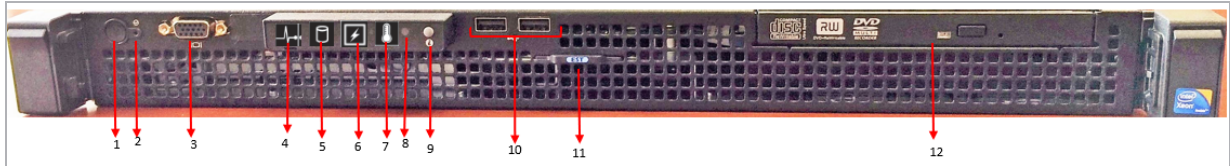
Item No.	Item	Description
8.	Serial/console port	Allows you to connect the system to a serial device

2 Logical Port Label Assignment

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

2.12 LoadMaster LM-4000

Port Location - Front Panel



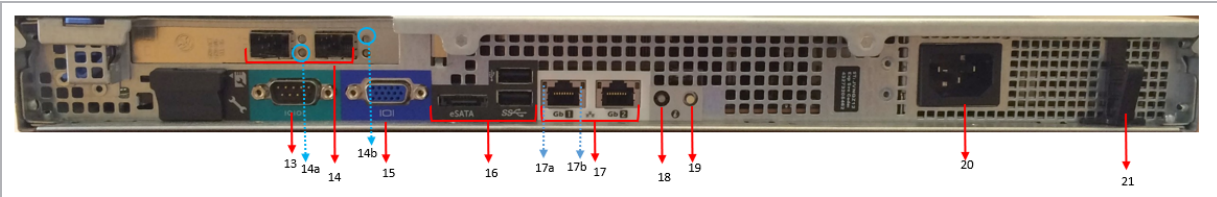
Item No.	Item	Description
1.	Power on indicator/power button	The power-on indicator lights green when the system power is on. The power button controls the power supply output to the system
2.	NMI button	Not functional
3.	VGA port	Allows you to connect a VGA display to the system
4.	Health indicator	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 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.
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

2 Logical Port Label Assignment

address, and NIC.

12.	DVD optical drive (will not be included in any future orders)	Optional SATA DVD +/- RW drive
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Port Location - Rear Panel



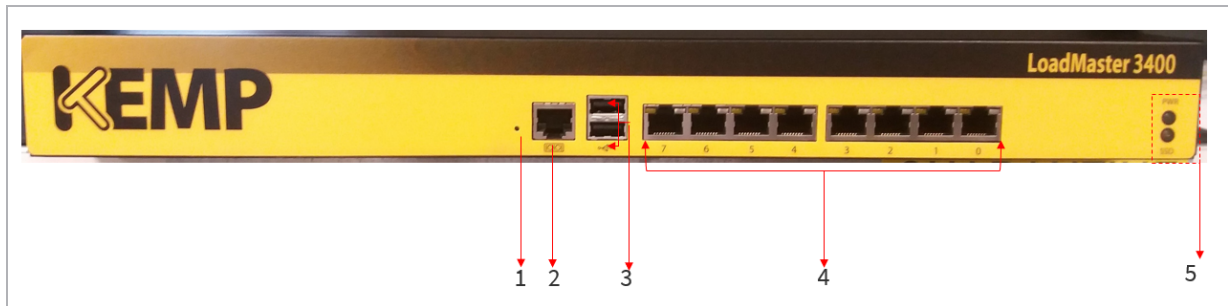
Item No.	Item	Description
13.	Serial/Console port	Allows you to connect the system to a serial device
14.	2x 10 Gb SFP+ ports	Two 10 Gbps supporting fiber optic and direct-attach copper (DAC) cables.
	Activity LED	Off - No network activity Blinking - Network activity
	Link LED	Off - No link (cable disconnected) 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
17.	2x 1 Gb Ethernet ports	Two integrated 10/100/1000 Mbps NIC connectors
	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

2 Logical Port Label Assignment

		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

2.13 LoadMaster LM-3400

Port Location – Front Panel



Item No.	Item	Description	
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	8 x 1 GB copper ports used to connect LAN	

2 Logical Port Label Assignment

ethernet ports (8)		network devices with LED indicators	
		Activity LED - Yellow blinking	Indicates data activity
		Activity LED - Off	Indicates no data activity
		Link LED – Green	Indicates data 1 G 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

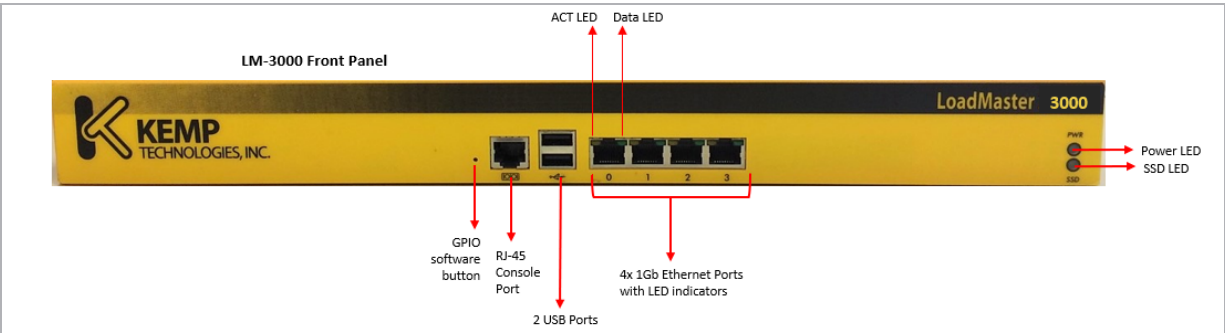


Item No.	Item	Description
6.	VGA	Used to connect an analog VGA monitor
7.	USB 2.0 ports	Allows you to connect USB 2.0/1.1 devices to the system
8.	Power supply	200 W AC power supply

9.	Power switch	Press to power-on or power-off the system
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2.14 LoadMaster LM-3000

Port Location - Front Panel



Item No.	Item	Description
1.	Reset button	Reset LoadMaster
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 (4)	4 x 1 GB copper ports used to connect LAN network devices with LED indicators
		Activity LED - Yellow blinking
		Indicates data activity
		Activity LED - Off
		Indicates no data activity
		Link LED – Green
		Indicates data 1 G and 10/100 MB
		Link LED – Off
		Indicates no link
5.	Power LED	Indicates the power status of the system
		LED - Green
		Power on

2 Logical Port Label Assignment

	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.