IBM® LinuxONE Emperor 4

	re Types	s:									
Feature	Minim					Maximum					
Туре			IFPs	SAP	Spares	CP	IFL	IFPs	SAP	Spares	
Max39	0	1†	2	5	0	1	39	2	5	2	
Max82		1†	2	10	0	1	82	2	10	2	
Max125	_	1†	2	15	0	1	125	2	15	2	
Max168	_	1†	2	20	0	1	168	2	20	2	
Max200	1	1†	2	24	0	1	200	2	24	2	
Channels – M											
	Adapters				Ports						
FICON	1			384 Ports							
Express 32S		9				304 FUITS					
SX/LX			2								
			_								
OSA Express	1		1					06.0==			
7S 1.2		4				96 Ports					
(1000BT/1G)		8									
(-3)											
OSA Express		4				48 Ports					
7S 1.2		8									
(10G/25G)			-								
IBM® Adapter	-							1 Slot			
for NVMe 1.1		1						1 5101			
SSB			6								
Inter-LPAR Co	ommun	icatior	าร								
HiperSockets					_	to 32 high-speed 'virtual' Local Area Networks					
SMC-D				Up	to 32 ISN	1 virtua	l CHPID	S			
IBM® zHyperl	_ink [™]										
IBM® zHyperL	ink Exp	ress1.	1	16	adapters	(32 Pc	rts)- can	be share	d by multi	ple LPARs	
	_					_					
Coupling Link											
Coupling Link Coupling Exp	ress2 LF		mum		2 adapters						
Coupling Link Coupling Expi ICA SR1.1 ma	ress2 LF aximum		mum		2 adapters 3 adapters						
Coupling Link Coupling Expi ICA SR1.1 ma Cryptography	ress2 LF aximum (60 AP	Max)		48	adapters						
Coupling Link Coupling Expi ICA SR1.1 ma Cryptography Crypto	ress2 LF aximum (60 AP				adapters						
Coupling Link Coupling Expi ICA SR1.1 ma Cryptography Crypto Express8S	ress2 LF aximum (60 AP	Max)		48	adapters						
Coupling Link Coupling Expr ICA SR1.1 ma Cryptography Crypto Express8S 2-port	ress2 LF aximum (60 AP	Max)		48	adapters						
Coupling Link Coupling Expi ICA SR1.1 ma Cryptography Crypto Express8S	ress2 LF aximum (60 AP	Max) adapte	ers	60 H	adapters ISMs						
Coupling Link Coupling Expr ICA SR1.1 ma Cryptography Crypto Express8S 2-port dapters) Crypto	ress2 LF aximum (60 AP	Max)	ers	60 H	adapters						
Coupling Link Coupling Expr ICA SR1.1 ma Cryptography Crypto Express8S 2-port dapters) Crypto Express8S	ress2 LF aximum (60 AP	Max) adapte	ers	60 H	adapters ISMs						
Coupling Link Coupling Expr ICA SR1.1 ma Cryptography Crypto Express8S 2-port dapters) Crypto Express8S (1-port	ress2 LF aximum (60 AP	Max) adapte	ers	60 H	adapters ISMs						
Coupling Link Coupling Expr ICA SR1.1 ma Cryptography Crypto Express8S 2-port dapters) Crypto Express8S (1-port adapter)	ress2 LF aximum (60 AP 30 a	Max) adapte	ers	60 H	adapters ISMs						
Coupling Link Coupling Expl ICA SR1.1 ma Cryptography Crypto Express8S 2-port dapters) Crypto Express8S (1-port adapter) Compression	ress2 LF aximum (60 AP 30 a	Max) adapte .6 ada	ers pters	60 H	3 adapters ISMs 5 HSMs	, 96 Po	rts				
Coupling Link Coupling Expr ICA SR1.1 ma Cryptography Crypto Express8S 2-port dapters) Crypto Express8S (1-port adapter) Compression Compression	ress2 LF aximum (60 AP 30 a 1 Acceler capabil	Max) adapte .6 ada ration ity nov	ers pters w on Li	60 H	B adapters S HSMs Emperor	, 96 Po	rts	р			
Coupling Link Coupling Expr ICA SR1.1 ma Cryptography Crypto Express8S 2-port dapters) Crypto Express8S (1-port adapter) Compression Compression RDMA over Co	ress2 LF aximum (60 AP 30 a	Max) adapte .6 ada ration ity noved Ethe	pters v on Li	60 H 16 nuxONE RoCE) –	B adapters S HSMs Emperor	, 96 Po	rts	р		6 adapters,	

Processor Memory						
Feature		Minimum	Maximum			
Max39		512GB	10TB			
Max82		512GB	20TB			
Max125		512GB	30TB			
Max168		512GB	48TB			
Max200		512GB	48TB			
IBM® Virtual F	-lash Memor	y				
Min:	0	0				
Max	6TB (ordered 0-12, in increments of 512GB)					
Upgradabily						
Upgradeable within the IBM® LinuxONE Emperor 4 family *						
No upgrade into	o features Max	168 or Max200				

Operating S	ystems
Linux*	Canonical, Red Hat* and SUSE with their latest supported releases and versions; for the certified levels please see IBM* tested platforms page: ibm.com/it-infrastructure/z/os/linux-tested-platforms
Supported H	Hypervisors
z/VM®	z/VM 7.3 z/VM 7.2
KVM	KVM hypervisor which is offered with the following Linux distributions from Canonical, Red Hat and SUSE, contact your Linux distributor for more information.

†There must be at least one IFL ordered on the server.

^{*} Some restrictions may apply on upgradeability between adapters. No upgrade into the IBM®LinuxONE Emperor 4 from previous generations.

[©] Copyright IBM Corporation 2023

IBM, ibm.com, IBM logo, IBM Z, HiperSockets, z14, z15, z16, zHyperLink, z/OS, z/VM and z/VSE are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both.

The registered trademark Linux® is used pursuant to a sublicense from the Linux Foundation, the exclusive licensee of Linus Torvalds, owner of the mark on a worldwide basis. Java and all

Java based trademarks and logos are trademarks or registered trademarks of Oracle and/or its affiliates.

Red Hat*, JBoss*, OpenShift*, Fedora*, Hibernate*, Ansible*, CloudForms*, RHCA*, RHCE*, RHCSA*, Ceph*, and Gluster* are trademarks or registered trademarks of Red Hat, Inc. or its subsidiaries in the United States and other countries.