

# Hot 20 ! 9月份常见问题解析讲座



## 1. 3650M5 支持的硬盘配置类型

最多支持26x 2.5" hot-swap bays (24 front mounted + 2 rear mounted),  
最多支持14x 3.5" hot-swap bays (12 front, 2 rear) + 2x 2.5" hot-swap bays (rear),  
最多支持16x 2.5" simple-swap bays (front), or 8x 3.5" simple-swap bays (front)



## 2. 3650M支持的电源类型有那些

Part number	Feature code	Description	Maximum supported	Standard models where used
00FK930	A5ET	System x 550W High Efficiency Platinum AC Power Supply	2	52x, A2x, B2x, C2x, C4x, D2x, F2x,
00FK932	A5EU	System x 750W High Efficiency Platinum AC Power Supply	2	62x, D4x, F4x, G2x, M2x
00FK934	A5EV	System x 750W High Efficiency Titanium AC Power Supply (200-240V)	2	-
00FK936	A5EW	System x 900W High Efficiency Platinum AC Power Supply	2	J2x, L2x

## 3. 3650M5机型的光驱

注意 Storage dense机型不支持内置光驱

Part number	Feature code	Description	Maximum supported	Standard models where used
00AM066	A5KG	Ultraslim 9.5mm SATA DVD-ROM	1	-
00AM067	A5KH	Ultraslim 9.5mm SATA Multi Burner	1	-

## 4. 3650M5最多支持多少内存

使用RDIMMs: 最多384 GB配置24x 16 GB RDIMMs需要2颗CPU

使用LRDIMMs: 最多 1.5 TB 配置24x 64 GB LRDIMMs 需要2颗CPU (s64 GB LRDIMMs 稍后发布)

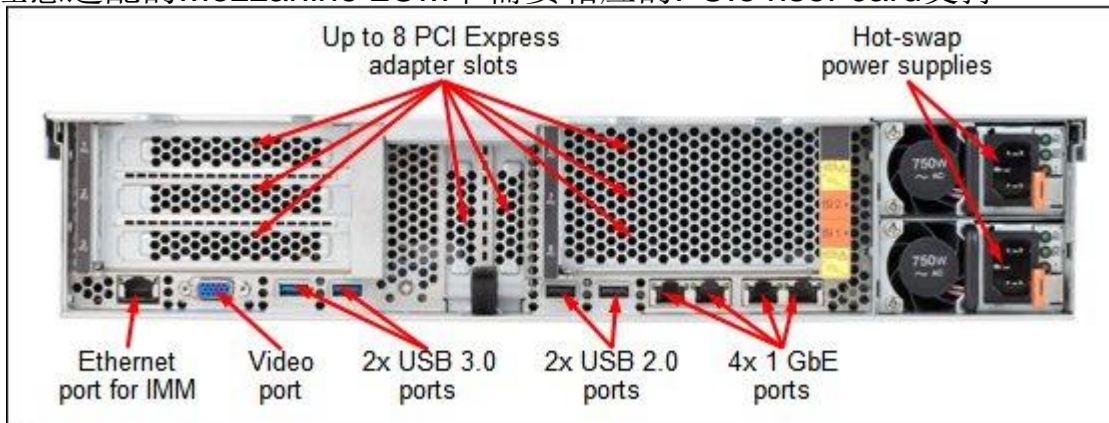
## 5.3650M5标配网络端口有那些

4个RJ-45 Gigabit Ethernet 1000BASE-T ports (BCM5719);

选配 Mezzanine LOM (ML2) slot for dual-port 10 GbE cards with SFP+ or RJ-45 connectors

或者 quad-port GbE cards with RJ-45 connectors

注意选配的Mezzanine LOM卡需要相应的PCIe riser card支持



## 6. 3650M5支持的阵列卡类型

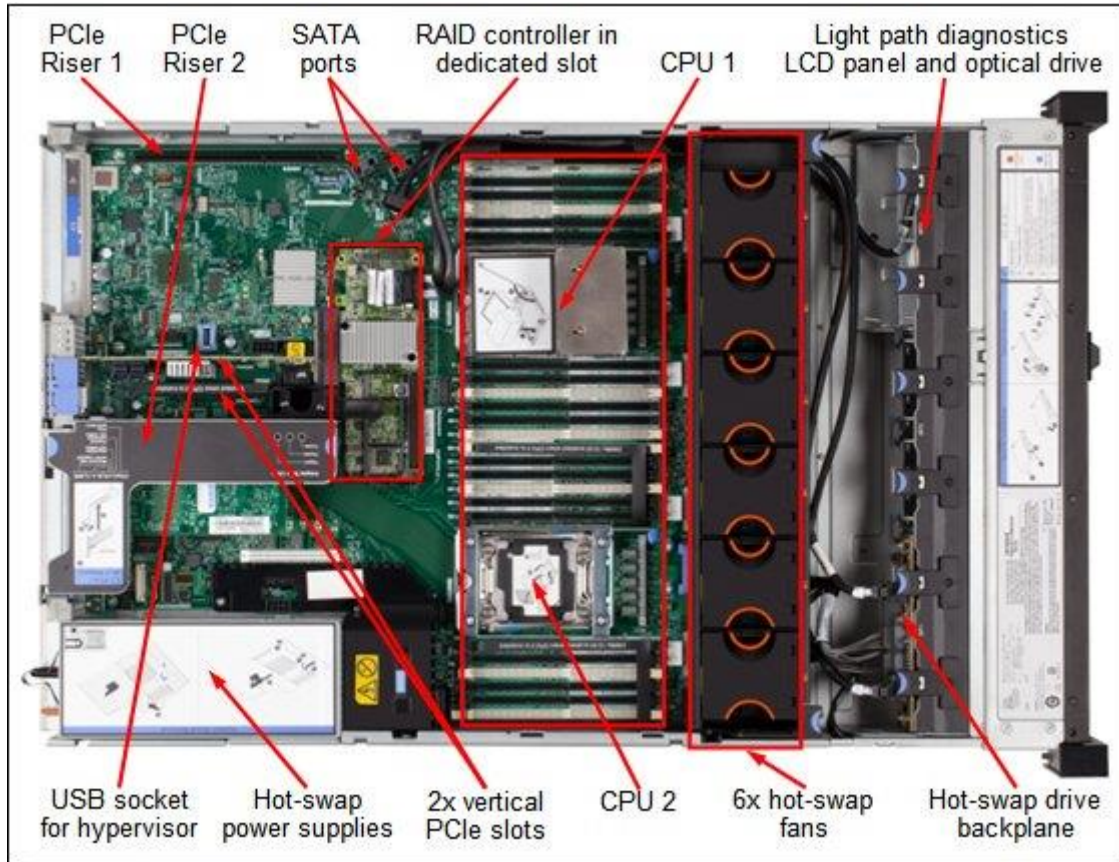
Part number	Feature code	Description	Maximum supported	Standard models where used
12 Gb SAS/SATA controllers				
46C9110	A3YZ	ServeRAID M5210 SAS/SATA Controller	3	62x, D2x, D4x, F2x, F4x, G2x, J2x, L2x, M2x
46C9114	A45W	ServeRAID M1215 SAS/SATA Controller	4	C2x, C4x
47C8675	A3YY	N2215 SAS/SATA HBA	3	-
Hardware upgrades for the M5210				
47C8656	A3Z0	ServeRAID M5200 Series 1GB Cache/RAID 5 Upgrade	3	-
47C8660	A3Z1	ServeRAID M5200 Series 1GB Flash/RAID 5 Upgrade	3	D2x, D4x, F2x, F4x, G2x
47C8664	A3Z2	ServeRAID M5200 Series 2GB Flash/RAID 5 Upgrade	3	62x, J2x
47C8668	A3Z3	ServeRAID M5200 Series 4GB Flash/RAID 5 Upgrade	3	-
Features on Demand upgrades for the M5210*				
47C8708	A3Z6	ServeRAID M5200 Series Zero Cache/RAID 5 Upgrade	1	-
47C8706	A3Z5	ServeRAID M5200 Series RAID 6 Upgrade	1**	-
47C8710	A3Z7	ServeRAID M5200 Series Performance Accelerator	1**	-
47C8712	A3Z8	ServeRAID M5200 Series SSD Caching Enabler	1**	-
Features on Demand upgrades for the M1215*				
00AE930	A5H5	ServeRAID M1200 Zero Cache/RAID 5 Upgrade for IBM Systems FOD	1	-

\* Features on Demand (FoD) upgrades for ServeRAID adapters are applied system-wide, that is one FoD upgrade is required to activate the feature on all RAID controllers of the same type installed in the server.

\*\* Requires cache memory upgrade (47C8656, 47C8660, 47C8664, or 47C8668).



## 7. 3650M5 内部组件

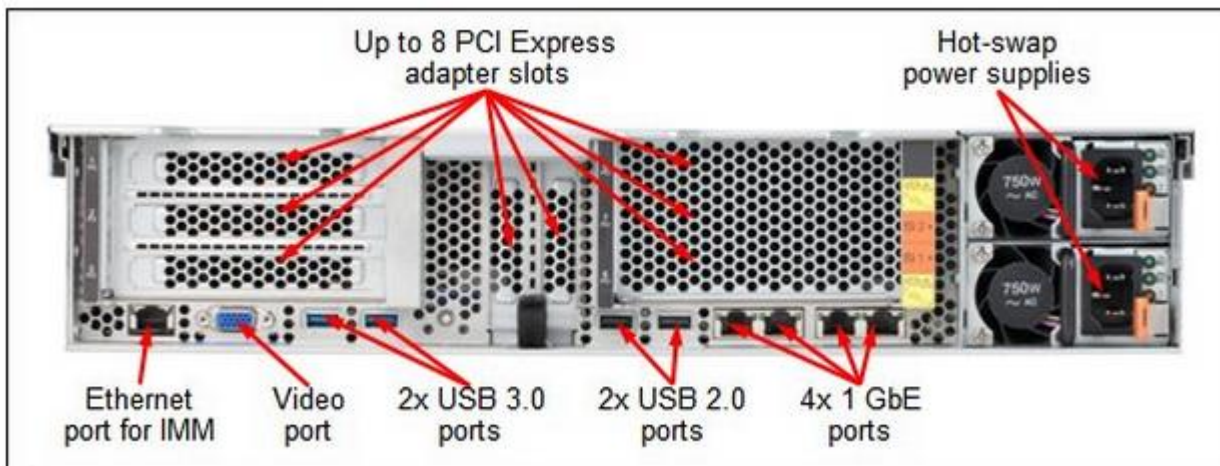
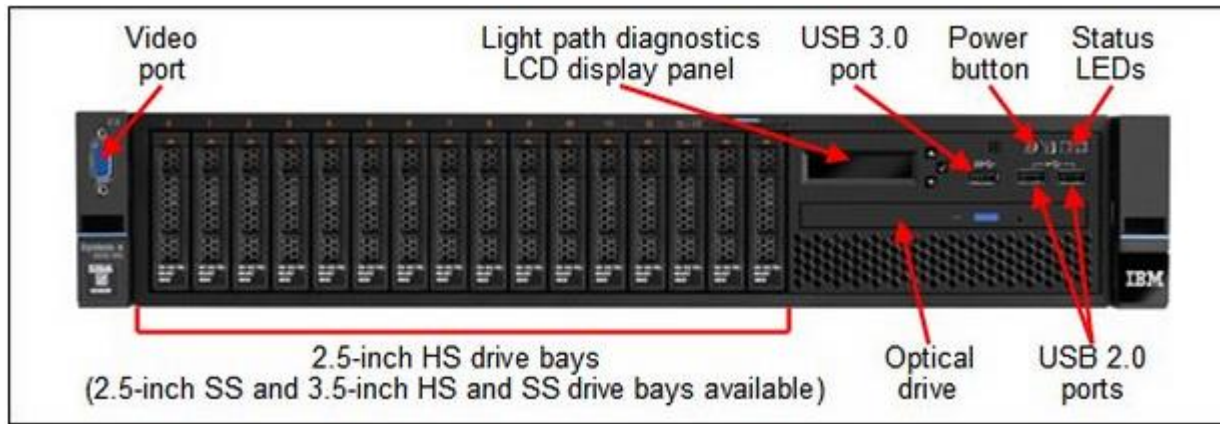


## 8. x3650M5有那些端口

x3650M5前部具备2x USB 2.0, 1x USB 3.0 (8x 3.5" and up to 16x 2.5" drive bay models), and 1x DB-15 video.

x3650M5后部具备2x USB 3.0, 2x USB 2.0, 1x DB-15 video, 1x RJ-45 systems management, 4x RJ-45 GbE network ports. Optional 1x DB-9 serial port.

内部1x USB port (for embedded hypervisor).



## 9.3650M5如何连接外部扩展柜支持的PCIe riser card

Part number	Feature code	Description	Maximum supported	Standard models where used
Riser 1 options (supplies slots 1, 2 and 3)				
00KA504	A5FR	System x3650 M5 PCIe Riser 1 (1 x16 FH/FL + 1 x8 ML2 Slots)	1	-
00KA519	A5FQ	System x3650 M5 PCIe Riser 1 (2 x8 FH/FL + 1 x8 ML2 Slots)	1	-
00KA489	A5FN	System x3650 M5 PCIe Riser (1 x16 FH/FL + 1 x8 FH/HL Slots)	1	-
00KA498	A5FP	System x3650 M5 PCIe Riser (2 x8 FH/FL + 1 x8 FH/HL Slots)	1	-
Riser 2 options (supplies slots 6, 7 and 8)				
00KA489	A5R5	System x3650 M5 PCIe Riser (1 x16 FH/FL + 1 x8 FH/HL Slots)	1	-
00KA498	A5R6	System x3650 M5 PCIe Riser (2 x8 FH/FL + 1 x8 FH/HL Slots)	1	-

## 10. 3650M5支持那些GPU模块

目前GPU必须通过CTO来安装，支持的选件为：

Part number	Feature code	Description	Maximum supported
None*	A470	NVIDIA Grid K2 (Actively Cooled)	2
None*	A5FG	NVIDIA Tesla K40c	2
None*	AS3G	NVIDIA Grid K1 (Actively Cooled)	2

\* These GPU adapters are available only through Special Bid or CTO.



## 11. NeXtScale 大数据特点 ABCD

A简单灵活硬件平台

B低延迟，高性能企业级解决方案

C高可扩展性

D支持多种包跨开源应用

E"性能高"

## 12. IBM System x提供基于NeXtScale硬件和开源OpenStack架构的公有云解决方案，其特点是？A,B,C,E

A开放：使用OpenStack集成开源工具

B快速：整个环境搭建时间少于1小时

C自动：系统的安装配置完全自动化

D低成本：定制化服务器+主流的开源框架

E企业级架构：包括OpenStack HA，迁移，错误恢复手册，灾难恢复手册，错误日志，监控，报警

## 13. 4路x3850 X6总共支持多少PCI-e插槽？C

A 9个

B 1个

C 11个

D 12个

**14.一台x3850 X6中四个“计算模块”的CPU类型及主频可以不一样吗？B**

A可以

B不可以

**15. IBM NeXtScale机箱可以安装多少个计算节点 D**

A16

B14

C6

D12

**16.传统标准数据库类型分类 AC**

AOLTP

BHPC

COLAP

D Big Data

**17.即将发布的Flex x880最大支持的处理器个数为C**

A2

B4

C8

D16

**18.数据库安装在一台高性能服务器上，其中数据存放在高速闪存存储中，提高了数据读写速度。 B**

A错误

B正确

**19. IBM HANA优势指标？ABCDE**

A "向上扩展"

B向外扩展

C "高可用性"

D "总体拥有成本 "

E"性能"

**20. IBM被SAP认证的HANA服务器有哪些？ C**

Ax3500M4和x3550M4

Bx3650M4和x3850X5

Cx3690X5和x3950X5

DFlex x440

Thank you!

