

NOTE: The “ * “ and bold text before any of the setting values indicates preferred value.

Product Name (SKU)
HP Z400 Workstation (FX625AV)

Memory Size (Total)
4096 MB or 163584 MB (PC Specific)

System BIOS
786G3 v01.14

Chassis Serial Number
2UA91607L1 (PC Specific)

Asset Tracking Number
2UA9280W94 (PC Specific)

Family Name
103C_53335X

Management Mode
ASF

Processor Type
Intel(R) Xeon(R) CPU W3520 @ 2.67GHz

Processor Speed
2666/4800 MHz

Processor Stepping
000106A5 00000011

Cache Size (L1/L2/L3)
64KBx8 / 256KBx4 / 8192KBx1

Setup Language
***English**
Danish
Finnish
French
German
Italian
Japanese
Dutch
Norwegian
Portuguese
Swedish
Spanish

Removable Media Boot
***Enable**
Disable

Legacy Diskette Write
***Enable**
Disable

SATA Emulation

IDE

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***RAID+AHCI**

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SATA PORT 0

***GEN2/3.0Gbps (Internal Only)**

GEN2/3.0Gbps (eSATA)

GEN1/1.5Gbps (Internal Only)

GEN1/1.5Gbps (eSATA)

SATA PORT 1

***GEN2/3.0Gbps (Internal Only)**

GEN2/3.0Gbps (eSATA)

GEN1/1.5Gbps (Internal Only)

GEN1/1.5Gbps (eSATA)

SATA PORT 2

***GEN2/3.0Gbps (Internal Only)**

GEN2/3.0Gbps (eSATA)

GEN1/1.5Gbps (Internal Only)

GEN1/1.5Gbps (eSATA)

SATA PORT 3

***GEN2/3.0Gbps (Internal Only)**

GEN2/3.0Gbps (eSATA)

GEN1/1.5Gbps (Internal Only)

GEN1/1.5Gbps (eSATA)

SATA PORT 4

***GEN2/3.0Gbps (Internal Only)**

GEN2/3.0Gbps (eSATA)

GEN1/1.5Gbps (Internal Only)

GEN1/1.5Gbps (eSATA)

SATA PORT 5

***GEN2/3.0Gbps (Internal Only)**

GEN2/3.0Gbps (eSATA)

GEN1/1.5Gbps (Internal Only)

GEN1/1.5Gbps (eSATA)

Emulation Type\SATA0

***Not Installed**

Hard Disk

Diskette

CD-ROM

Multisector Transfers\SATA0

***Not Installed**

8

16

Transfer Mode\SATA0

***Not Installed**

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Max UDMA

Translation Mode\SATA0

***Not Installed**

Bit Shift

LBA Assisted

User

Off

Cylinders\SATA0

0

Heads\SATA0

0

Sectors\SATA0

0

Emulation Type\SATA1

***Not Installed**

Hard Disk

Diskette

CD-ROM

Multisector Transfers\SATA1

***Not Installed**

8

16

Transfer Mode\SATA1

***Not Installed**

--

--

--

Max UDMA

Translation Mode\SATA1

***Not Installed**

Bit Shift

LBA Assisted

User

Off

Cylinders\SATA1

0

Heads\SATA1

0

Sectors\SATA1

0

Emulation Type\SATA2

***Not Installed**

Hard Disk

Diskette

CD-ROM

Multisector Transfers\SATA2

***Not Installed**

8

16

Transfer Mode\SATA2

***Not Installed**

--

--

--

Max UDMA

Translation Mode\SATA2

***Not Installed**

Bit Shift

LBA Assisted

User

Off

Cylinders\SATA2

0

Heads\SATA2

0

Sectors\SATA2

0

Emulation Type\SATA3

***Not Installed**

Hard Disk

Diskette

CD-ROM

Multisector Transfers\SATA3

***Not Installed**

8

16

Transfer Mode\SATA3

***Not Installed**

--

--

--

Max UDMA

Translation Mode\SATA3

***Not Installed**

Bit Shift

LBA Assisted

User

Off

Cylinders\SATA3

0

Heads\SATA3

0

Sectors\SATA3

0

Emulation Type\SATA4

***Not Installed**

Hard Disk

Diskette

CD-ROM

Multisector Transfers\SATA4

***Not Installed**

8

16

Transfer Mode\SATA4

***Not Installed**

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Max UDMA

Translation Mode\SATA4

***Not Installed**

Bit Shift

LBA Assisted

User

Off

Cylinders\SATA4

0

Heads\SATA4

0

Sectors\SATA4

0

Emulation Type\SATA5

***Not Installed**

Hard Disk

Diskette

CD-ROM

Multisector Transfers\SATA5

***Not Installed**

8

16

Transfer Mode\SATA5

***Not Installed**

--

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Max UDMA

Translation Mode\SATA5

***Not Installed**

Bit Shift

LBA Assisted

User

Off

Cylinders\SATA5

0

Heads\SATA5

0

Sectors\SATA5

0

Emulation Type\SATA Defaults

***None**
Hard Disk
Diskette
CD-ROM

Multisector Transfers\SATA Defaults

Disable
8
***16**

Transfer Mode\SATA Defaults

PIO 0
Max PIO
Enhanced DMA
Ultra DMA 0
***Max UDMA**

Translation Mode\SATA Defaults

***Automatic**
Bit Shift
LBA Assisted
User
Off

Cylinders\SATA Defaults

0

Heads\SATA Defaults

0

Sectors\SATA Defaults

0

Boot Order

Optical Drive
USB device
Hard Drive
Diskette Drive
PnP Device #1
PnP Device #2
PnP Device #3
PnP Device #4
PnP Device #5
PnP Device #6
PnP Device #7
PnP Device #8
PnP Device #9
PnP Device #10
PnP Device #11

Controller Order

Integrated SATA
Integrated SATA RAID
Boot Device #2
Boot Device #3
Boot Device #4
Boot Device #5
Boot Device #6
Boot Device #7
Boot Device #8
Boot Device #9
Boot Device #10
Boot Device #11
Boot Device #12
Boot Device #13
Boot Device #14

Legacy Storage Controller Boot

***Disable**
Enable

Setup Password 32

DE8A847BFF8C343D69B853A215E6EE775EF2EF96

Power-On Password 32

CBD80DD75DE691D9B1319CD131BECC57FEF0A8B4B253DF0EFD6312520DDC0522

Lock Legacy Resources

Disable
***Enable**

Network Server Mode

***Disable**
Enable

Password Prompt on Warm Boot

***Disable**
Enable

Setup Browse Mode

Disable
***Enable**

Cover Lock

***Unlock**
Lock

Cover Removal Sensor

***Disable**
Notify User
--
Setup Password

Serial Port

Device hidden
***Device available**

Front USB ports

***Device available**
Device hidden

Rear USB ports
***Device available**
Device hidden

Internal USB ports
***Device available**
Device hidden

System Audio
Device hidden
***Device available**

Ethernet controller
Device hidden
***Device available**

Legacy Diskette
Device hidden
***Device available**

Embedded Security Device
***Device hidden**
Device available

SATA0
Device hidden
***Device available**

SATA1
Device hidden
***Device available**

SATA2
Device hidden
***Device available**

SATA3
Device hidden
***Device available**

SATA4
Device hidden
***Device available**

SATA5
Device hidden
***Device available**

Network Service Boot
***Disable**
Enable

Enter Ownership Tag (PC Specific)

Enter UUID
D01D04315B2BDE11BBDA810F03280024 (PC Specific)

Data Execution Prevention
***Disable**
Enable

Virtualization Technology (VTx)

***Disable**
Enable

Virtualization Technology Directed I/O (VT-d2)

***Disable**
Enable

Activate Embedded Security On Next Boot

***Disable**
Enable

Embedded Security Activation Policy

***F1 to Boot**
Allow user to reject
No prompts

Power-On Authentication Support

***Disable**
Enable

OS management of Embedded Security Device

***Enable**
Disable

Reset of Embedded Security Device through OS

***Disable**
Enable

Smart Card BIOS Password Support

***Disable**
Enable

Runtime Power Management

Disable
***Enable**

MWAIT-Aware OS

Disable
***Enable**

Idle Power Savings

***Normal**
Extended

ACPI S3 Hard Disk Reset

***Disable**
Enable

ACPI S3 PS2 Mouse Wake Up

***Disable**
Enable

USB Wake on Device Insertion

***Disable**
Enable

Unique Sleep State Blink Rates

***Disable**
Enable

SATA Power Management

Disable

***Enable**

Intel Turbo Boost Technology

***Disable**

Enable

Enhanced Intel Turbo Boost Technology

***Disable**

Enable

EUP Compliance Mode

***Disable**

Enable

Fan Idle Mode

***+-----**

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POST Messages

Enable

***Disable**

F9 Prompt

***Displayed**

Hidden

F10 Prompt

***Displayed**

Hidden

F12 Prompt

Displayed

***Hidden**

Option ROM Prompt

***Enable**

Disable

Remote Wakeup Boot Source

Remote Server

***Local Hard Drive**

After Power Loss

Off

***On**

Previous State

POST Delay (in seconds)

***None**

5

10

15

20

Hyper-Threading
Enable
***Disable**

Active Cores
***All Cores**
2 Cores
1 Core

Limit CPUID Maximum Value to 3
***Disable**
Enable

Sunday
***Disable**
Enable

Monday
***Disable**
Enable

Tuesday
***Disable**
Enable

Wednesday
***Disable**
Enable

Thursday
***Disable**
Enable

Friday
***Disable**
Enable

Saturday
***Disable**
Enable

BIOS Power-On Time (hh:mm)
00:00

PCI SERR# Generation
Disable
***Enable**

PCI VGA Palette Snooping
***Disable**
Enable

ECC Support
Disable
***Enable**

Enhanced Memory Performance
***Enable**
Disable

Num Lock State at Power-On

***Off**

On

S5 Wake on LAN

Enable

***Disable**

Multi-Processor

***Enable**

Disable

Integrated Audio

***Disable**

Enable

Internal Speaker

Disable

***Enable**

Monitor Tracking

***Disable**

Enable

NIC PXE Option ROM Download

Enable

***Disable**

SATA RAID Option ROM Download

Enable

***Disable**

SOL Character Echo

***Disable**

Enable

SOL Terminal Emulation Mode

***VT100**

ANSI

SOL Local Keyboard

***Disable**

Enable

Slot 1 Option ROM Download

Enable

***Disable**

Slot 1 - Compute

***Disable**

Enable

Slot 2 Option ROM Download

***Enable**

Disable

Slot 2 - Compute

***Disable**

Enable

Slot 3 Option ROM Download
Enable
***Disable**

Slot 3 - Compute
***Disable**
Enable

Slot 4 Option ROM Download
***Enable**
Disable

Slot 4 - Compute
***Disable**
Enable

Slot 5 Option ROM Download
Enable
***Disable**

Slot 5 Latency Timer
***Default**
32 PCI Clocks
64 PCI Clocks
96 PCI Clocks
128 PCI Clocks
160 PCI Clocks
192 PCI Clocks
224 PCI Clocks

Slot 5 - Compute
***Disable**
Enable

Slot 6 Option ROM Download
Enable
***Disable**

Slot 6 Latency Timer
***Default**
32 PCI Clocks
64 PCI Clocks
96 PCI Clocks
128 PCI Clocks
160 PCI Clocks
192 PCI Clocks
224 PCI Clocks

Slot 6 - Compute
***Disable**
Enable

Legacy Devices
06FC347C00

PCI IRQs

00280300001F0500011F0300001E0700011E0A00000F03004004030041040500
00030300000105008000FE008100FE008800FE008900FE00A000FE00A100FE00
A200FE00A800FE00D0000B00D1000300D2000500D7000500D8000300E0000B00
E5000300E8000B00E9000300EA000500EF000B00FA000A00FB000A00FFFFFF00
FFFFFF00FFFFFF00FFFFFF00FFFFFF00FFFFFF00FFFFFF00FFFFFF00FFFFFF00
FFFFFF00FFFFFF00FFFFFF00FFFFFF00FFFFFF00FFFFFF00FFFFFF00FFFFFF00
FFFFFF00FFFFFF00FFFFFF00FFFFFF00FFFFFF00FFFFFF00FFFFFF00FFFFFF00
FFFFFF00FFFFFF00FFFFFF0000028

Setup Security Level

FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF

Management Devices

0001

Default Setup

***Leave Defaults As Is (No Update)**
Save Current Settings as Default
Restore Factory Settings as Default