

After switch on the computer appears: [DELL www.dell.com](http://www.dell.com)
Dimension 4700 Series BiosrevisionA02

and then:

No boot device available -
Strike F1 to retry boot, F2 for set-up utility

F1 – repeats the above statement
F2 – appears: Dell System 4700 and

- | | | | |
|----------------------------|--------------------------------|-------------------------------------|--------------------|
| - <input type="checkbox"/> | System | System Info | |
| | System Info | System | = Dell System 4700 |
| | Processor Info | BIOS Version | = A02 (07/19/04) |
| | Memory Info* ¹ | Service Tag | = 25CY71J |
| | Date / Time* ² | Express Service Code | = 4677693031 |
| | Boot Sequence* ³ | Asset Tag | |
| + <input type="checkbox"/> | Drivers* ⁴ | None of these fields are changeable | |
| + <input type="checkbox"/> | On Board Devices* ⁵ | | |
| + <input type="checkbox"/> | Video* ⁶ | | |
| + <input type="checkbox"/> | Performance* ⁷ | | |
| + <input type="checkbox"/> | Security* ⁸ | | |
| + <input type="checkbox"/> | Power Management* ⁹ | | |
| + <input type="checkbox"/> | Maintenance* ¹⁰ | | |
| + <input type="checkbox"/> | POST Behaviour* ¹¹ | | |

Press Enter to expend this group

Press Up/Down arrows to select a different field
Press +/- keys to expand or collapse a group
Press Esc to exit Setup

*1 **Memory Info**

Installed Memory = unknown
Memory speed = 400 MHz
Memory Channel Mode = Single
Memory Technology = DDR2 SDRAM

Memory Slot	Size	FCC	Rank	Type	Organization
DIMM 1	Empty				
DIMM 3	Empty				
DIMM 2	1 GB	No	1	unbuffered	x8
DIMM 4	Empty				

Memory Error 3
None of this fields are changeable

*2 **Date Time**

Tue Nov. 28, 2017
This field controls the system date and time. Changes take effect immediately.

*3 **Boot sequence**

This list specifies the order that the Bios searches devices when trying to find an operating system. Only devices that are preceded by a number are bootable (the space key controls whether a particular device is bootable).

1. Onboard or USB Floppy Drive
2. Onboard SATA Hard Drive (not present)
3. Onboard IDE Hard Drive (not present)
4. Onboard or USB CD-ROM Drive

*4

Drives

The Drives Group contains options and settings related to drives and the hard drive controller. Press Enter to view or change the fields in this group:

- Diskette Drive
- Drive 0: SATA-0
- Drive 1: SATA-2
- Drive 2: PATA-0
- Drive 3: PATA-1
- SATA Operation

*5

Onboard Devices

The Onboard devices group contains options and settings related to integrated system devices. Use this options to manage the LegacySelect features.

Press Enter to view or change the fields in this group:

- integrated NIC
- integrated Audio
- USB Controller
- LTP Port Mode
- LTP Port Address
- Serial Port #1
- PS / 2 Mouse Port

*6

Video

The Video group contains options and settings related to the Video controller.

Press Enter to view or change the fields in this group:

- Primary Video
- Video Memory Size

*7

Performance

The Performance group contains options and settings related to the system Speed and efficiency.

Press Enter to view or change the fields in this group:

- Hyper – Threading
- HDD Acoustic Mode

*8

Security

The Security group contains options and settings related to Passwords and system Security.

Press Enter to view or change the fields in this group:

- Admin Password

- System Password
- Password Changes

*9

Power Management

The Power Management group contains options and settings to regulate system power consumption.

Press Enter to view or change the fields in this group:

- AC Recovery^{*9a}
- Auto Power On^{*9b}
- Auto power Time^{*9c}
- Suspend Mode^{*9d}

*9a

AC Recovery

< off >

< on >

< Last >

This field specifies how the system will behave when AC power is restored after an AC power loss.

- Off = System stays after AC power is restored
- On = System powers on after AC power is restored
- Last = System returns to the previous state after AC power recovery

The factory default setting is **Off**

*9b

Auto Power On

< off >

< Every day >

< Week days >

This fields specifies when to use the Auto Power Time setting to turn the system on.

- Off = Do not use the Auto Power Time
- Everyday = Turn system power on every day at the time set in Auto Power Time
- Weekdays = Turn system power on Monday through Friday at the time set in Auto Power Time

The factory default setting is **Off**

*9c

Auto Power Time

(for example) 04:50 AM

This field allows you to specify a particular time to turn the system on.

*9d

Suspend Mode

< S3 >

< S1 >

This field select the power management suspend mode.

- S1 = System resumes more quickly from sleep mode
- S3 = System conserves more power when not in use

The factory default Settings is **S3**

*10

Maintenance

The Maintenance group contains options and settings to general system management.

Press Enter to view or change the fields in this group:

- Load Defaults^{*10a}
- Event Log^{*10b}

*10a

Load Defaults

< Cancel >

< Continue >

This option allows you to reset every option back to way it was when the system left the factory.

Cancel = Do not restore factory defaults

Continue = Restore factory defaults

*10b

Event Log

< Mark All Entries >

< Clear Log^{*10c} >

Date	Time	Type	Data	
U 2005		POST Error	Keyboard Error	
U 2010			Memory Size Different	
U 2010			Memory Size Different	
U 2010			Memory Size Decreased	
U 2010		POST Error	Keyboard Error	
U 2012		POST Error	Memory Size Different	
U 2012		POST Error	Keyboard Error	
U 2017.09.27		POST Error	Keyboard Error	x4 <i>begin of the reason computer breakdown*</i>
U 2017.09.28		POST Error	Keyboard Error	x2
U 2017.09.29		POST Error	Keyboard Error	x2
U 2017.09.30		POST Error	Keyboard Error	x1
U 2017.10.01		POST Error	Keyboard Error	x4
U 2017.10.02		POST Error	Keyboard Error	x2
R 2017.10.03		POST Error	Keyboard Error	x2
R 2017.10.10		POST Error	Keyboard Error	x2
R 2017.10.12		POST Error	Keyboard Error	x2
R 2017.10.04		POST Error	Keyboard Error	x2

I have tried to solve the problem going back to factory state (Continue = Restore factory defaults). Afer going back to factory state has left:

*10c

Clear Log

R 2027.11.25	Log area cleared	NONE
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*11

POST Behaviour

POST Behaviour group contains options and settings related to system behaviour during Power-On-Self-Test (POST).

Press Enter to view or change the fields in this group:

- Fast Boot^{*11a} → c1
- Numlock Key^{*11b} → c2
- POST Hotkeys^{*11c} → c3
- Keyboard Errors^{*11d} → c4

*11a

Fast Boot

< Off >

< On >

This field speeds up the boot process by bypassing some compatibility step.

- Off = Do not skip any steps in the boot process
- On = Boot quickly

The factory default setting is **ON**

*11b

NumLock Key

< Off > < On >

This field specifies the functionality of the numeric keys on the right side of yours keyboard.

- Off = Right keypad keys functions as arrows
- On = Right keypad keys functions as numbers

The factory default setting is **On**

*11c

POST Hotkeys

< Setup & Boot Menu > < Setup > < Boot menu > < None >

This field specifies whether the sign – on screen displays a message stating the keystroke sequence required to enter the Setup program or the Quick Boot feature.

- Setup & Boot Menu = Display both messages (F2 = Setup and F02 = Boot Menu)
- Setup = Display Setup message only (F2 = Setup)
- Boot Menu = Display Quick Boot message only (F12 = Boot Menu)
- None = Neither message is displayed

The factory default setting is **Setup & Boot Menu**

click < Setup >, < Boot menu > or < None > change nothing

*11d

Keyboard Errors

< Do Not Report > < Report >

This field specifies whether keyboard related errors are reported when the system boots.

- Report = Display any keyboard errors
- Do not report = Do not display any keyboard errors

The factory default setting is **Report**

Exit

No boot device available -
strike F1 to retry boot, F2 for setup utility

Roman Rojek