

# Printer Diagnostics Monitor

CPU

## Sensor Diagnostic Guide

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Hard Disk

**Syvir**

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## **Printer Diagnostics Monitor Sensor Diagnostic Guide**

**Properties**

Each printer channel has properties. Depending on the computer, the printer sensor will use all of the properties, or will just use one or two properties.

**Status**

Returns the status on the selected component.

**Status Info**

Returns the status info on the selected component.

**Availability**

Returns the availability of the current component.

**ConfigManagerErrorCode**

Returns the ConfigManagerErrorCode of the current component.

**Error Description**

Details any error message on the current component.

**Last Error Code**

Returns the last error code of the current component.

**Extended Printer Status**

Returns the last Printer Status message.

**Extended Detected Error State**

Returns the last Extended Detected Error State message.

**Channels**

All these properties are mapped from WMI codes. A hierarchical algorithm based on these properties determine a channels status i.e if its up, warning or down.





## Printer

Sensor id: 23

Status. Status Info. Availability.ConfigManagerErrorCode.  
Error Description. Last Error Code. Extended Printer Status.  
Extended Detected Error State

BIOS

Cooling

CPU

## ok

The device is functioning ok.

## error

The device has produced an error.

## degraded

The device has been degraded.

## unknown

The status of the device is unknown. This doesn't mean a failure, just the status is unknown of the device.

## pred fail

The device is predicted to fail.

## starting

The device is starting.

## stopping

The device is stopping. This doesn't mean a failure, just the device is stopping.

## service

## stressed

The device is stressed.

## nonrecover

The device is non recoverable.

## no contact

There is no contact with the device. This doesn't mean a failure, just that there is no contact with the device.

## lost comm

Communication with the component has been lost. This doesn't mean a failure, just that there is no contact with the device.



other

unknown

enabled

disabled

not applicable



BIOS

UPS

CPU

Memory

Enter

Inputs

SSD

## Device is working properly.

The device is working and functioning properly.

## Device is not configured correctly.

The device is not configured correctly.

## Windows cannot load the driver for this device

The driver for this device might be corrupted, or your system may be running low on memory or other resources.

## This device is not working properly.

One of its drivers or your registry might be corrupted.

The driver for this device needs a resource that Windows cannot manage.

The boot configuration for this device conflicts with other devices.

Cannot filter.

The driver loader for the device is missing.

This device is not working properly because the controlling firmware is reporting the resources for the device incorrectly.

Device cannot start.

Device failed.

Device cannot find enough free resources that it can use.

Windows cannot verify this device's resources.

Device cannot work properly until the computer is restarted.

Device is not working properly due to a possible re-enumeration problem.

Windows cannot identify all of the resources that the device uses.

Device is requesting an unknown resource type.

Device drivers must be reinstalled.

Failure using the VxD loader.

Your registry might be corrupted.

System failure: Try changing the driver for this device. If that does not work, see your hardware documentation. Windows is removing this device

This device is disabled.

System failure. If changing the device driver is ineffective, see the hardware documentation.



Device is not present, not working properly, or does not have all of its drivers installed.

Windows is still setting up the device.

Device does not have valid log configuration.

Device drivers are not installed.

Device is disabled. The device firmware did not provide the required resources.

Device is using an IRQ resource that another device is using.

Device is not working properly. Windows cannot load the required device drivers.



other



unknown



running or full power



warning



in test



not applicable



CPU

power off



off line



off duty



degraded



not installed



install error



**power save - unknown**

The device is known to be in a power save mode, but its exact status is unknown.

UPS



**power save - low power mode.**

The device is in a power save state but still functioning, and may exhibit degraded performance.



**power save - standby.**

The device is not functioning, but could be brought to full power quickly.



**power cycle**



**power save - warning.**

The device is in a warning state, though also in a power save mode.



**paused.**



**not ready.**



**not configured.**



**quiesced.**

The device is unavailable.



Inputs

SSD



Unknown



other



No Error



Low Paper



No Paper



Low Toner



No Toner



Door Open



Jammed



Service Requested



Output Bin Full



Paper Problem



Cannot Print Page



User Intervention Required



Out of Memory



Server Unknown





other

Unknown

Idle

Printing

Warming Up

Stopped Printing

Offline

Paused

Error

Busy

Not Available



Waiting

Processing

Power Save

Pending Deletion

I/O Active

Manual Feed

