

PC的BIOS/OS设置

BIOS设置

如何进入BIOS：

启动控制器，在显示HP 徽标时按下 [F10] 键。

HP 徽标的显示可能看不到，具体视识别监视器的时间而定。

如果错过了按下 [F10] 键的时机而操作系统启动了，请重启PC 后再次进行上述步骤。

设置项目		设置 (HP Z2 SFF G9 Workstation) BIOS 01.02.04 / 02.01.02 或更
Security		
Trusted Execution Technology(TXT)	-	不选中
Advanced		
Boot Options	Fast Boot	不选中 ^{*1}
	Network (PXE) Boot	不选中 ^{*1}
System Option	Active All Efficient-cores ^{*2}	不选中 ^{*1}
Built-In Device Options	Wake On LAN	Boot to Hard Drive
Port Options	Rear USB Type-C Downstream Charging	不选中 ^{*1}
Power Management Options	Extended Idle Power States	不选中 ^{*1}
Remote Management Options	Intel Management Engine (ME)	不选中 ^{*1}
	Intel Active Management Technology (AMT)	不选中
	Watchdog Timer	不选中（不许更改）

^{*1} 必须更改设置的项目（从BIOS 默认设置需更改的项目）

^{*2} 此设置项仅在 CPU 具有 Efficient core的控制器 PC 上显示。

确认上述项目均完成设置后，保存BIOS 设置。

如何保存BIOS 设置：

1. 点击[Main] - [Save Changes and Exit]，然后选择 [Save Change?] 对话框上的 [Yes]。
2. 如果出现 [Secure Boot] 画面，输入显示的数字并按下 [Enter] 键。

操作系统设置 (Windows10)

执行操作系统设置之前，必须将PC 连接到互联网并执行Windows 激活。

1. 请将PC 连接到互联网。
2. 依次单击 [Start] - [Settings] - [Update & Security] - [Activation] - [Troubleshoot]。
3. 显示了 [Troubleshoot has completed] 后，单击 [Activate Windows]。
4. 确认显示了 [We've activated this copy of Windows 10] 对话框后，关闭所有设置画面。
5. 请将PC 与互联网断开。

确认项目	设置
登录	
设置Windows 操作系统时，请设置好帐户名和密码。操作系统设置完成后，务必确认屏幕锁可通过[Start]-[ or  (olympus)] - [Lock] 并输入 “evident” 作为帐户，“evident” 作为密码可以解锁。	通过以下设置可进行自动登录： 帐户： “evident” 密码： “evident”
BIOS	
右键单击 [Start]，选择 [Search]，输入 “系统信息”，和点击 [System Information]。	BIOS 设置中的BIOS Version 以上
OS	
版次	Windows10 Pro
版本	21H2 / 22H2
Windows设置	
国家或地区 [Start] - [Settings] - [Time & Language] - [Region]	Your country or region
时间和日期设置 [Start] - [Settings] - [Time & Language] - [Region] - [Additional date,time & regional settings] - [change date,time,or number formats]	[Match Windows display language (recommended)]
键盘布局 [Start] - [Settings] - [Time & Language] - [Language] - [Keyboard]	[Use language list (recommended)]
时区设置 [Start] - [Settings] - [Time & Language] - [Data & time] - [Time zone]	Local time
[Display] 属性设置	
屏幕保护程序 [Start] - [Settings] - [Personalization] - [Lock screen] - [Screen saver settings]	[Screen saver] → None
	[On resume display logon screen] → Off
任务栏 [Start] - [Settings] - [Personalization] - [Taskbar]	[Lock the task bar] → On (保持默认设置)
	[Automatically hide the taskbar in desktop mpde] → On
	[Taskbar location on screen] → Bottom (保持默认设置)

确认项目	设置
安全设置	
Windows更新 [Start] - [Windows System] - [Command Prompt (右键单击)] - [More] - [Run as administrator] - 输入 “gpedit.msc” , 然后按 [Enter] 键 - [Local Group Policy Editor] 打开。 [Computer Configuration] - [Administrative Templates] - [Windows Components] - [WindowsUpdates]	[Configure Automatic Updates]: Disable
Microsoft Defender [Start] - [Windows System] - [Command Prompt (右键单击)] - [More] - [Run as administrator] - 输入 “gpedit.msc” , 然后按 [Enter] 键 - [Local Group Policy Editor] 打开。 [Computer Configuration] - [Administrative Templates] - [Windows Components] - [Microsoft Defender Antivirus] - [Real-time Protection]	[Turn off real-time protection]: Enabled
性能设置	
选择电源计划 [Start] - [Windows System] - [Control Panel] - [Hardware and Sound] - [Power Options]	High performance
[Change plan settings] - [Turn off the display]	Never
[Change plan settings] - [Put the computer to sleep]	Never
[Change advanced power settings] - [Hard disk] - [Turn off hard disk after]	“0”
[Change advanced power settings] - [Sleep] - [Sleep after]	Never
[Change advanced power settings] - [Sleep] - [Hibernate after]	Never
[Change advanced power settings] - [Sleep] - [Allow wake timers]	Disable
[Change advanced power settings] - [USB settings] - [USB selective suspend setting]	Disable
[Change advanced power settings] - [PCI Express] - [Link State Power Management]	Off
[Start] - [Windows System] - [Control Panel] - [Hardware and Sound] - [Power Options] - [Choose what the power buttons do]	[Turn on fast startup]: 取消选中
USB集线器电源设置 USB hub power settings [Device Manager] - [Universal Serial Bus controllers] - [USB Root Hub (3.0)] - [Properties] - [Power Management]	[Allow the computer to turn off this device to save power]: 取消选中
COM 设置 [Device Manager] - [Ports (COM&LPT)] - [Communications Port (COM1)] - [Port Settings] 选项卡 - [Advanced] - [COM Port Number]	COM1
.NETFramework [Start] (右键单击) - [Run] - 输入 “regedit” , 然后按 [Enter] 键 - [Registry Editor] 打开。 [Computer] - [HKEY_LOCAL_MACHINE] - [SOFTWARE] - [Microsoft] - [NET Framework Setup] - [NDP] - [v4] - [Full] → 检查 [Release] 中所述的 REG_DWORD 的值。	.NET4.8 (Release DWORD 的值: 528372)

确认项目		设置
图形设置		
[Start] - [NVIDIA Control Panel] - [Adjust Image Settings with Preview]		[Use my preference emphasizing]: Performance
[Start] - [NVIDIA Control Panel] - [View system topology]		使用PV-3DAA时 [Driver version]: Ver.552.86
其他用户（登录用户）		
计算机名称 [Start] - [Windows System] - [Control Panel] - [System and Security] - [System] - [Rename this PC (advanced)]（[System Properties] 已打开。） - [System Properties] - [Computer Name] 选项卡 - [Change]（[Computer Name/Domain Changes] 已打开。）		计算机名称：EVIDENT-PC 工作组的成员：工作组
交互式登录 [Start]（右键单击） - [Search]- 输入“本地”并单击“本地安全策略”（[Local Security Policy] 已打开。） [Local Security Policy] - [Security Settings] - [Local Policies] - [Security Options] - [Interactive Logon: Don't display last signed-in]（双击）（[Interactive logon: Don't display last signed-in Properties] 已打开） - [Local Security Setting] 选项卡		[Interactive logon: Don't display last signed-in]: 禁用（保持默认设置）
安装软件		
Pre-installed app		• PDF browser (Microsoft Edge)
核心停车		
核心休眠最小核心数 将此设置应用于 CPU 中安装了 E-core 的控制器 PC。请从我们的软件下载页面下载并应用安装程序。		100%

操作系统设置 (Windows11)

执行操作系统设置之前，必须将PC 连接到互联网并执行Windows 激活。

1. 请将PC 连接到互联网。
2. 依次单击 [Start] - [Settings] - [Update & Security] - [Activation] - [Troubleshoot]。
3. 显示了 [Troubleshoot has completed] 后，单击 [Activate Windows]。
4. 确认显示了 [We've activated this copy of Windows 11] 对话框后，关闭所有设置画面。
5. 请将PC 与互联网断开。

确认项目	设置
BIOS	
[Start] (右键单击) - [Search] 输入 “SystemInfo” - 点击 [System Information]。	BIOS 设置中的BIOS Version 以上
OS	
版次 [Start] - [Setting] - [System] - [About]	Windows 11 Pro
版本 [Start] - [Setting] - [System] - [About]	21H2 / 22H2 / 23H2 / 24H2
Windows设置	
国家或地区 [Start] - [Settings] - [Time & language] - [language & region] - [Windows display language]	Your country or region
时间和日期设置 [Start] - [Settings] - [Time & language] - [language & region] - [Regional format] 或 [Start] - [Time & language] - [language & region] - [Administrative languages settings] - [Formats] 选项卡	Match Windows display language (recommended)
键盘布局 [Start] - [Settings] - [Time & language] - [Typing] - [Advanced keyboard settings] - [Override for default input method]	Use language list (recommended)
Setting time zone [Start] - [Settings] - [Time & language] - [Data and Time] - [Time zone]	Local time
[Display] 属性设置	
屏幕保护程序 [Start] - [Settings] - [Personalization] - [Lock screen] - [screen saver]	[Screen saver]: None
	[On resume, display logon screen]: Off
任务栏 [Start] - [Settings] - [Personalization] - [Taskbar] - [Taskbar behaviors]	[Automatically hide the taskbar]: On
	[Taskbar alignment]: Center (保持默认设置)

确认项目	设置
安全设置	
Setting Windows Update [Start] - [All apps] - [Windows Tools] - [Command Prompt (Run as administrator)] - 输入 “gpedit.msc” , 然后按 [Enter] 键 - [Local Computer Policy] 打开。 [Computer Configuration] - [Administrative Templates] - [Windows Components] - [Windows Update] - [Manage end user experience]	[Configure Automatic Updates]: Disable
Windows Defender [Start] - [All apps] - [Windows Tools] - [Command Prompt (Run as administrator)] - 输入 “gpedit.msc” , 然后按 [Enter] 键 - [Local Computer Policy] 打开。 [Computer Configuration] - [Administrative Templates] - [Windows Components] - [Microsoft Defender Antivirus] - [Real-time Protection]	[Turn off real-time protection]: Enabled
性能设置	
选择电源计划 [Start] - [All apps] - [Windows Tools] - [Control Panel] - [Hardware and sound] - [Power Options] - ([Show additional plans])	High performance
[Change plan settings] - [Turn off the display]	Never
[Change plan settings] - [put the computer to sleep]	Never
[Change advanced power settings] - [Hard disk] - [Turn off hard disk after]	“0”
[Change advanced power settings] - [Sleep] - [Sleep after]	Never
[Change advanced power settings] - [Sleep] - [Hibernate after]	Never
[Change advanced power settings] - [Sleep] - [Allow wake timers]	Disable
[Change advanced power settings] - [USB settings] - [USB selective suspend setting]	Disable
[Change advanced power settings] - [PCI Express] - [Link State Power Management]	Off

确认项目		设置
	快速启动 [Start] - [All apps] - [Windows Tools] - [Control Panel] - [Hardware and sound] - [Power Options] - [Choose what the power buttons do] - [Change settings that are currently unavailable]	[Turn on fast startup]: 取消选中
	[Start (右键单击)] - [Device Manager] - [Universal Serial Bus Controllers] - [USB Root Hub(USB3.0)] - [Properties] - [Power Management]	[Allow the computer to turn off this device to save power]: 取消选中
	[Start (右键单击)] - [Device Manager] - [Ports (COM & LPT)] - [Communications Port (COM1)] - [Port Settings] - [Advanced] - [COM Port Number]	COM1
	.NETFramework [Start] (右键单击) - [Run] - 输入“regedit”，然后按 [Enter] 键 - [Registry Editor] 打开。 [Computer] - [HKEY_LOCAL_MACHINE] - [SOFTWARE] - [Microsoft] - [NET Framework Setup] - [NDP] - [v4] - [Full] → 检查 [Release] 中所述的 REG_DWORD 的值。	.NET4.8 (value of Release: 533320)
图形设置		
	[Start] - [All apps] - [NVIDIA Control Panel] - [Adjust image settings with preview]	[Use my preference emphasizing]: Performance
	[Start] - [All apps] - [NVIDIA Control Panel] - [View system topology]	使用PV-3DAA时 [Driver version]: Ver.552.86
其他用户（登录用户）		
	计算机名称 [Start] - [Setting] - [System] - [About] - [Rename this PC] 更改计算机名称后，选择 [Restart later]。	[Computer name]: 序列号
	交互式登录 [Start] (右键单击) - ([Search]) - 输入“local” - 点击 [Local Security Policy] - [Local Policy] - 双击 [Security Options]	[Interactive logon: Don't display last signed-in]: Disabled (保持默认设置)
安装软件		
	预装应用程序 [Start]	下列应用程序已预装。 • PDF浏览器 (Microsoft Edge)
核心停车		
	核心休眠最小核心数 将此设置应用于 CPU 中安装了 E-core 的控制器 PC。请从我们的软件下载页面下载并应用安装程序。	100%