

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}
Built-In Device Options	Wake On LAN	Boot to Hard Drive
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)

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“olympus”作为帐户，“olympus”作为密码可以解锁。	通过以下设置可进行自动登录： 帐户：“olympus” 密码：“olympus”
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]	United States
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]	Osaka, Sapporo, Tokyo
[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
<p>壁纸</p> <p>将安装介质插入磁盘驱动器。 将 DSX10-BSW 媒体文件夹 (D:\DSX10-BSW\Kitting) 中的“OLYMPUS_Microscope_2560x1600.bmp”复制到以下文件夹 C:\Users\Public\Pictures (如果您的 DVD 驱动器不是 D 盘, 请将“D”更改为 DVD 驱动器所对应的盘符。) 右击图片, 选择 [Set as desktop background]。</p>	 <p>OLYMPUS_Microscope_2560×1600.bmp</p>
<p>锁定 (退出登录) 壁纸</p> <p>将安装介质插入磁盘驱动器。 将 DSX10-BSW 媒体文件夹 (D:\DSX10-BSW\Kitting) 中的“BACKGROUNDDEFAULT.jpg”复制到以下文件夹 C:\Windows\Web\Screen 依次单击 [Start] - [Settings] - [Personalization] - [Lock screen]。 单击背景中的向下箭头按钮, 选择 [图像] 并单击 [浏览]。 在 C:\Windows\Web\Screen 中选择“BACKGROUNDDEFAULT.jpg”。</p>	 <p>BACKGROUNDDEFAULT.jpg</p>
<p>登录帐户图标</p> <p>"将安装介质插入磁盘驱动器。 将 DSX10-BSW 媒体文件夹 (D:\DSX10-BSW\Kitting) 中的“OLYMPUS_icon.bmp”复制到以下文件夹 C:\Users\Public\Pictures 单击 [Start] - [Settings] - [Accounts]。 单击 [Create your picture] - [Your picture] 下的 [Browse], 在 C:\Users\Public\Pictures 中选择“OLYMPUS_icon.bmp”。</p>	 <p>OLYMPUS_icon.bmp</p>
安全设置	
<p>Windows更新</p> <p>[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]</p>	[Configure Automatic Updates]: Disable
<p>Microsoft Defender</p> <p>[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]</p>	[Turn off real-time protection]: Enabled
性能设置	
<p>选择电源计划</p> <p>[Start] - [Windows System] - [Control Panel] - [Hardware and Sound] - [Power Options]</p>	High performance
<p>[Change plan settings] - [Turn off the display]</p>	Never
<p>[Change plan settings]] - [Put the computer to sleep]</p>	Never
<p>[Change advanced power settings] - [Hard disk] - [Turn off hard disk after]</p>	“0”
<p>[Change advanced power settings] - [Sleep] - [Sleep after]</p>	Never




确认项目		设置
[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: 528449)	
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]	Ver.473.47	
其他用户 (登录用户)		
计算机名称 [Start] - [Windows System] - [Control Panel] - [System and Security] - [System] - [Change settings] - [Computer Name] - [Change] 更改计算机名称后, 选择 [Restart later]。	[Computer Name]: OLYMPUS-PC	
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)	
Auto login 将安装介质插入磁盘驱动器。 双击安装介质中以下文件夹中的 “AutoLogin.reg” 。 D:\DSX10-BSW\Kitting 根据显示的注册表编辑器屏幕进行设置。	自动登录操作系统	
安装软件		
Pre-installed app	• PDF browser (Microsoft Edge)	

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
Windows设置	
国家或地区 [Start] - [Settings] - [Time & language] - [language & region] - [Windows display language]	United States
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
<p>壁纸</p> <p>将安装介质插入磁盘驱动器。</p> <p>将 DSX10-BSW 媒体文件夹 (D:\DSX10-BSW\Kitting) 中的“OLYMPUS_Microscope_2560 x 1600.bmp”复制到以下文件夹 C:\Users\Public\Pictures (如果您的 DVD 驱动器不是 D 盘, 请将“D”更改为 DVD 驱动器所对应的盘符。)</p> <p>右击图片, 选择 [Set as desktop background]。</p>	 <p>OLYMPUS_Microscope_2560×1600.bmp</p>
<p>锁定 (退出登录) 壁纸</p> <p>将安装介质插入磁盘驱动器。</p> <p>将 DSX10-BSW 媒体文件夹 (D:\DSX10-BSW\Kitting) 中的“BACKGROUNDDEFAULT.jpg”复制到以下文件夹 C:\Windows\Web\Screen</p> <p>依次单击 [Start] - [Settings] - [Personalization] - [Lock screen]。</p> <p>单击背景中的向下箭头按钮, 选择[图像]并单击 [浏览]。</p> <p>在 C:\Windows\Web\Screen 中选择“BACKGROUNDDEFAULT.jpg”。</p>	 <p>BACKGROUNDDEFAULT.jpg</p>
<p>登录帐户图标</p> <p>将安装介质插入磁盘驱动器。</p> <p>将 DSX10-BSW 媒体文件夹 (D:\DSX10-BSW\Kitting) 中的“OLYMPUS_icon.bmp”复制到以下文件夹 C:\Users\Public\Pictures</p> <p>单击 [Start] - [Settings] - [Accounts]。</p> <p>单击 [Create your picture] - [Your picture] 下的 [Browse], 在 C:\Users\Public\Pictures 中选择“OLYMPUS_icon.bmp”。</p>	 <p>OLYMPUS_icon.bmp</p>
安全设置	
<p>Setting Windows Update</p> <p>[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]</p>	<p>[Configure Automatic Updates]: Disable</p>
<p>Windows Defender</p> <p>[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]</p>	<p>[Turn off real-time protection]: Enabled</p>
性能设置	
<p>选择电源计划</p> <p>[Start] - [All apps] - [Windows Tools] - [Control Panel] - [Hardware and sound] - [Power Options] - ([Show additional plans])</p>	<p>High performance</p>
<p>[Change plan settings] - [Turn off the display]</p>	<p>Never</p>
<p>[Change plan settings] - [put the computer to sleep]</p>	<p>Never</p>

确认项目	设置
[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
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。	HP Z2 SFF G9 Workstation: .NET4.8 (value of Release: 528449 / 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]	[Driver version]: Ver.473.47
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)

确认项目	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)