

Ultra HD Blue-ray Discs

Update

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ULTRA HD BLUE-RAY DISCS

Also see Introduction to UHD Blu-ray Discs 2015

Navigate to Presentation Material 2015

(Link)



Major differences to Blu-ray Discs

UHD Discs include –

Video

- ✓ **Encoding with HEVC H.265 – up to 100Mbps**
- ✓ **Resolution - up to 3840 x 2160 (4K)**
- ✓ **RDR High Dynamic Range -10 bit color- wider color gamuts**

Audio

Similar to Blu-ray formats i.e. Dolby Atmos /TrueHD, DTS, 8ch LPCM

Ultra HD discs players now being released on to the market

Stand alone players e.g. **Samsung UBD –K8500** -**\$396**

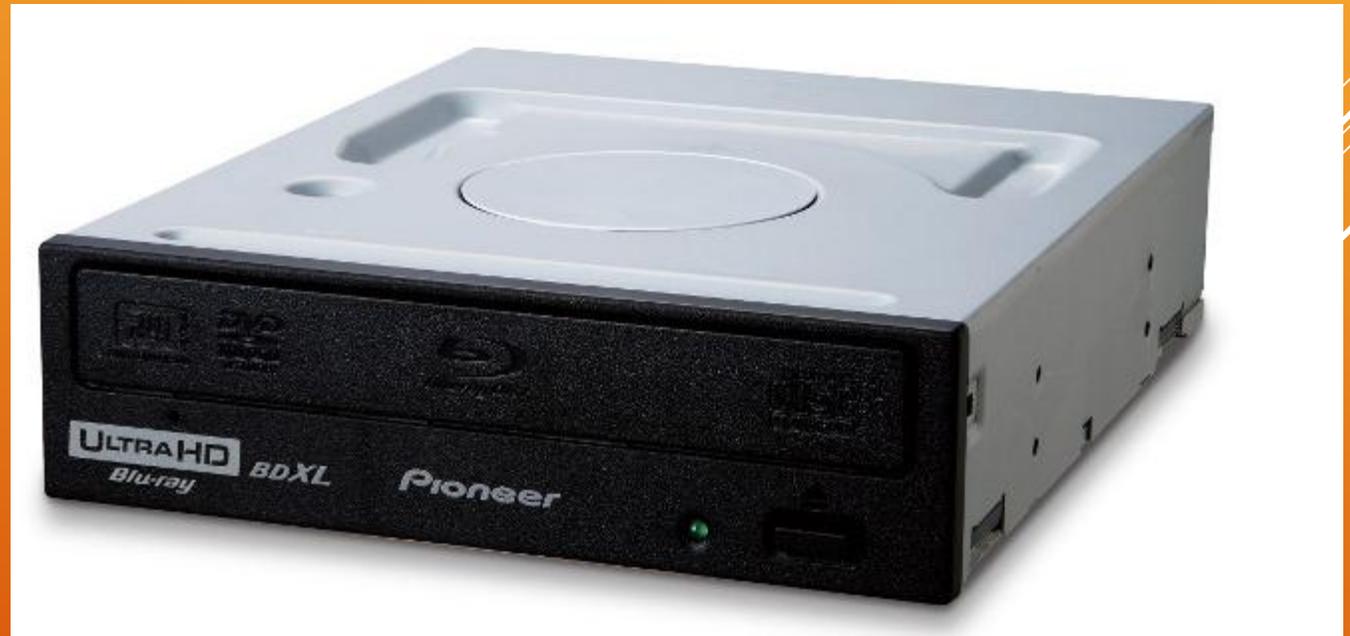
Running From PC

Reader /Writer

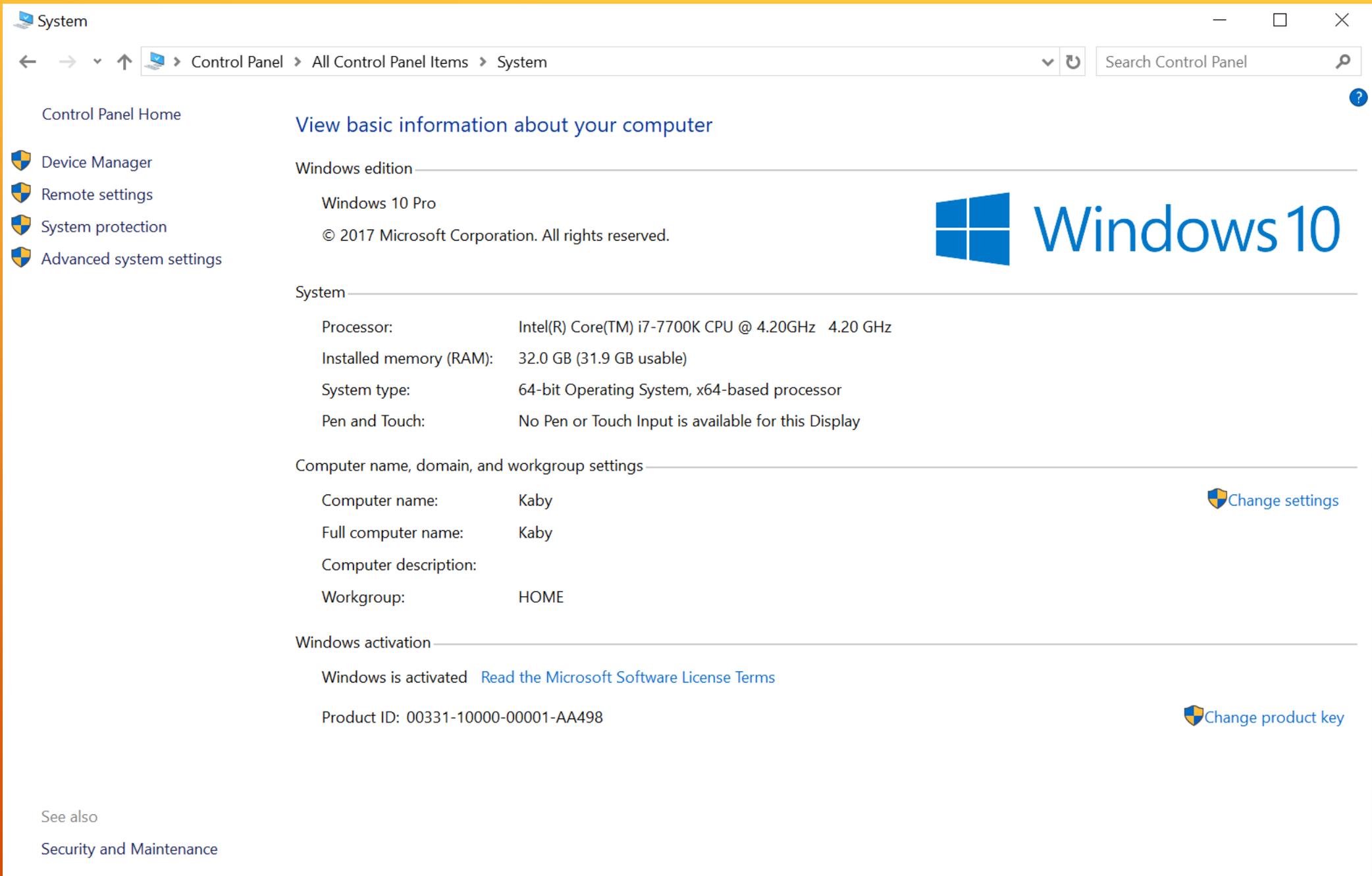
Pioneer BDR-211UBK

Computer playback Software

CyberLink Power DVD



System
Waiting for
New Ultra
Blu-ray Burner



The screenshot shows the Windows System control panel page. The breadcrumb path is Control Panel > All Control Panel Items > System. The page title is "View basic information about your computer". The Windows edition is Windows 10 Pro, with copyright information for Microsoft Corporation. The system information section lists the processor as Intel(R) Core(TM) i7-7700K CPU @ 4.20GHz, 4.20 GHz, installed memory as 32.0 GB (31.9 GB usable), system type as 64-bit Operating System, x64-based processor, and pen and touch input as not available. The computer name, domain, and workgroup settings section shows the computer name as Kaby, full computer name as Kaby, computer description as empty, and workgroup as HOME. The Windows activation section shows that Windows is activated with a link to read the Microsoft Software License Terms, and the product ID is 00331-10000-00001-AA498. The page also includes a "See also" section with a link to "Security and Maintenance".

System

Control Panel > All Control Panel Items > System

Control Panel Home

- Device Manager
- Remote settings
- System protection
- Advanced system settings

View basic information about your computer

Windows edition

Windows 10 Pro

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System

Processor:	Intel(R) Core(TM) i7-7700K CPU @ 4.20GHz 4.20 GHz
Installed memory (RAM):	32.0 GB (31.9 GB usable)
System type:	64-bit Operating System, x64-based processor
Pen and Touch:	No Pen or Touch Input is available for this Display

Computer name, domain, and workgroup settings

Computer name:	Kaby	Change settings
Full computer name:	Kaby	
Computer description:		
Workgroup:	HOME	

Windows activation

Windows is activated [Read the Microsoft Software License Terms](#)

Product ID:	00331-10000-00001-AA498	Change product key
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See also

[Security and Maintenance](#)