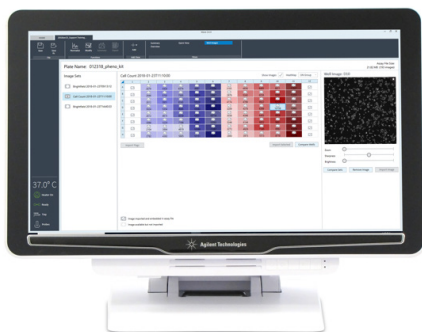# Get the Best in Usability and Processing Speed with the Agilent Seahorse XFe Controller Upgrade

The Seahorse XFe Controller Upgrade is an IT-friendly system upgrade including a Windows 10 (64-bit) computer and 64-bit hardware for Agilent Seahorse XFe Analyzers that provides modern Windows and touchscreen technology with the same small benchtop footprint.

Benefit	The NEW XFe Controller	The Previous XFe Controller
Latest Windows OS	**Windows 10 (64-bit) OS** provides faster system responsiveness, improved file management, and security.	**Windows 7 (32-bit) OS**, cannot be upgraded. Security and feature updates discontinued after Microsoft's "extended support" period (Jan 2020).
Power to Run Your Longest Assays	Robust computer performance via the **Intel Core i5 processor** and **16 GB RAM** provides greater operational reliability.	XFe assays can be resource intensive; the **Intel Core i3 processor** and **4 GB RAM** support basic assay performance. Refer to XFe Controller Best Practices to avoid performance issues.
Customizable System Security	Enhanced default Windows security with Windows Defender. Supports installation of preferred antivirus software, disk encryption, and Windows Updates.	Default Windows security is Microsoft Security Essentials. Alternative antivirus software and disk encryption is **not supported**.
IT-Friendly Hardware	Built-in Wireless (802.11 b/g/n/ac) and Ethernet Port simplify integrating the XFe Analyzer into your institutions network infrastructure.	Ethernet Port only, less flexibility for configuring network access, especially for more stringent network security requirements.

Additional benefits:

– Better touchscreen performance

– Faster data processing and analysis in Wave

– Compatible with the Agilent Seahorse XF Imaging and Normalization system

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Specifications	NEW XFe Controller	Previous XFe Controller
Operating System	Windows 10	Windows 7
Processor	Intel i5	Intel i3
Memory (RAM)	16 GB	4 GB
Hard Disk Drive	2 TB SSD	125 GB
USB	USB 3.0 & 2.0	USB 2.0
Ethernet Port	LAN RJ45 (Gigabit)	LAN RJ45 (Gigabit)
Wireless LAN	802.11 b/g/n/ac	None
Bluetooth	BT 4.2	None
Display Size	21-inch widescreen	18.5-inch diagonal
Resolution	1920 x 1080	1366 x 768
Touch Screen	Projected Capacitive	S.A.W.
Imaging & Normalization Ready	Yes	No
Part Numbers	S7807A (XFe96), S7807B (XFe24)	

Upgrade Includes: new controller computer, internal 64-bit hard drive, installation and transfer of all instrument system data to the new controller.

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