

ENDOWORKS 7.4 VALIDATED BIOS AND DRIVER FILES

This document lists the approved versions for the BIOS and select drivers for each system type. Use only the versions listed here, even if more current versions are available, as they may not have been approved.

NOTE: Server drivers are the responsibility of the customer and not controlled by Olympus.

Lenovo

The following list of Lenovo-provided system updates has been tested and approved for EndoWorks 7.4 compatibility using the latest available patches at the time of testing. Prior to applying System Driver or BIOS updates, make sure your system is current with EndoWorks patches. Olympus cannot guarantee the current content of the OEM website; consequently, the specific approved update may no longer be available. If this is the case, please do not install a different update that has not yet been tested and approved. For questions regarding applying System updates or EndoWorks patches, please contact the Olympus Technical Assistance Center (TAC) at 1-800-848-9024.

Lenovo system updates are available at http://support.lenovo.com/en_US/downloads/default.page

P300 (30AGS2CR00) – Windows 7 (64-bit)

BIOS	Network Card	Video Card	Chipset	Management Engine	USB	ACPI
Version: FBKTCAA	Intel® LAN Driver version: 12.15.22.3	Intel Onboard VGA Driver version: 15.36.31.4414 Confirm that the Screen Resolution is 1024x768 and Color Quality is 32 bit.	Intel Chipset Device Driver version: 10.0.13	Intel Management Engine Driver version: 10.0.30.1054	Intel USB 3.0 eXtensible Host Controller Driver version: 3.0.12.0	Lenovo ACPI Device Driver version: 1.0.0.8

E31 (2552CS4) – Windows 7 (64-bit)

BIOS	Network Card	Video Card	Chipset	Management Engine	USB	ACPI
Version: 9SKT97A	Intel® LAN Driver version: 12.6.45.0	Intel Onboard VGA Driver version: 8.15.10.2752 Confirm that the Screen Resolution is 1024x768 and Color Quality is 32 bit.	Intel Chipset Device Driver version: 9.3.0.1020	Intel Management Engine Driver version: 8.0.0.1262	Intel USB 3.0 eXtensible Host Controller Driver version: 1.0.4.225	Lenovo ACPI Device Driver version: 1.0.0.6

E31 (2552CS4) – Windows XP

BIOS	Network Card	Video Card	Audio	Human Interface Devices
Version: 84	Intel 82579LM Gigabit NIC Driver version: 11.15.16.0 Properties: DHCP Client could be used for E31 nodes but static addresses should be used for standalones, gateways, and peer-to-peer servers.	Intel HD Graphics Family Driver version: 6.14.10.5412 Confirm that the Screen Resolution is 1024x768 and Color Quality is 32 bit.	Realtek Display audio 5.10.0.6543	Mouse Driver version: OS default Keyboard Driver version: OS default

E30 (7783) – Windows 7 (64-bit)

BIOS	Network Card	Chipset	Management Engine
Version: 43	Intel LAN (Ethernet) Driver version: 12.2.45.0	Intel Chipset Device Driver version: 9.2.0.1019	Intel Management Engine Driver version: 7.1.21.1134

E30 (7783) – Windows XP

BIOS	Network Card	Video Card	Audio	Human Interface Devices
Version: 43	<p>Intel 82579LM Gigabit NIC</p> <p>Driver version: 11.13.51.0</p> <p>Properties: DHCP Client could be used for E30 nodes but static addresses should be used for standalones, gateways, and peer-to-peer servers.</p>	<p>Intel HD Graphics Family</p> <p>Driver version: 6.14.10.5323</p> <p>Confirm that the Screen Resolution is 1024x768 and Color Quality is 32 bit.</p>	<p>Intel Display audio</p> <p>5.14.0.3074</p> <p>The installation requires 2 restarts, one when the old driver uninstalls and one after installing the new driver.</p>	<p>Mouse Driver version: 2.1.0.0</p> <p>Keyboard Driver version: 5.1.2600.5512</p>

M58 (6138)

BIOS	Network Card	Video Card	Audio
Version: 77	<p>Intel 82567LM-3 Gigabit NIC</p> <p>Driver version: 11.2.19.0</p> <p>Properties: Power Management 'Allow this device to bring the computer out of standby' and 'Allow the computer to turn off this device to save power' should not be enabled.</p> <p>DHCP Client could be used for M58 nodes but static addresses should be used for standalones, gateways, and peer-to-peer servers.</p>	<p>Intel Q45/Q43 Express Chipset</p> <p>Driver version: 6.14.10.5294</p> <p>Confirm that the Screen Resolution is 1024x768 and Color Quality is 32 bit.</p>	<p>ADI Sound MAX audio</p> <p>5.10.1.6540</p> <p>The installation requires 2 restarts, one when the old driver uninstalls and one after installing the new driver.</p>

M57 (6075)

NOTE: The M57 system is no longer supported, as stated in the OEM Support Policy on <http://www.olympusamerica.com/endoworks/>.

BIOS	Network Card	Video Card	Audio
<p>Version: 64</p>	<p>Intel 82566DM-2 Gigabit NIC</p> <p>Driver version: 9.13.16.0</p> <p>Properties: Power Management 'Allow this device to bring the computer out of standby' and 'Allow the computer to turn off this device to save power' should not be enabled.</p> <p>DHCP Client could be used for M57 nodes, but static addresses should be used for standalones, gateways, and peer-to-peer servers.</p>	<p>Intel Q35Express Chipset</p> <p>Driver version: 6.14.10.5218</p> <p>Confirm that the Screen Resolution is 1024x768 and Color Quality is 32 bit.</p>	<p>ADI Sound MAX audio</p> <p>5.10.01.6380</p>

Intellistation MPro

NOTE: The Intellistation MPro system is no longer supported, as stated in the OEM Support Policy on <http://www.olympusamerica.com/endoworks/>.

BIOS	Network Card	Video Card
<p>Version: 1.40</p> <p>Devices and I/O ports:</p> <ul style="list-style-type: none"> 'Serial port A' should be set to '2F8 IRQ3' 'Parallel ATA' should be set to 'enabled' 	<p>Broadcom NetXtreme Gigabit Ethernet</p> <p>Driver version: 9.52.0</p> <p>Properties: Power Management 'Allow this device to bring the computer out of standby' and 'Allow the computer to turn off this device to save power' should not be enabled.</p> <p>DHCP Client could be used for M58 nodes but static addresses should be used for standalones, gateways, and peer-to-peer servers.</p>	<p>Matrox Card or NVIDIA Quadro PCI-E card</p> <p>Driver versions: Orion: MIL 8 NVIDIA: 9.1.3.6</p> <p>Confirm that the Screen Resolution is 1024x768 and Color Quality is 32 bit.</p>

ThinkCentre M50

NOTE: The M50 system is no longer supported, as stated in the OEM Support Policy on <http://www.olympusamerica.com/endoworks/>.

BIOS	Network Card	Video Card
<p>Version: 46</p>	<p>Intel Pro/1000 MT</p> <p>Driver version: 7.4.19.0</p> <p>Properties: Power Management 'Allow this device to bring the computer out of standby' and 'Allow the computer to turn off this device to save power' should not be enabled.</p> <p>DHCP Client could be used for M50 nodes, but static addresses should be used for standalones, gateways, and peer-to-peer servers.</p>	<p>Matrox Orion Card or Onboard Intel Extreme</p> <p>Driver versions: Orion: MIL 8 Intel: 6.14.10.3889</p> <p>Confirm that the Screen Resolution is 1024x768 and Color Quality is 32 bit.</p>