



GOSHAWK VERGE

USER MANUAL

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<u>PART 1</u>

Getting started

Welcome!

Thank you for purchasing GOSHAWK.

The GOSHAWK is built for the future, has reliable performance along with unmatched efficiency. All these features are forged together in a high-performance design philosophy.

Getting to know your GOSHAWK

Тор



- 1. USB 3.2 Gen1 (up to 5Gbps) port: These 9-pin Universal Serial Bus (USB) ports connect to USB 3.2 Gen 1 devices.
- 2. USB 2.0 port: These 4-pin Universal Serial Bus (USB) ports are for USB 2.0 devices.
- 3. Power button: This button is for powering on your GOSHAWK.
- 4. 3.5mm headset jack (Audio + Mic): This port is for audio and mic. You will need a headphone with single TRS-type plug use the audio and mic function together. In case of separate audio and mic plugs, use the rear ports.
- 5. Reset button: This button is for power reset function.

Rear



- 1. PS/2 Mouse (green) port: This port is for PS/2 mouse.
- 2. Video Graphics Adapter (VGA) port: This 15-pin port is for a VGA monitor or other VGA-compatible devices
- 3. Ethernet port: This port allows Gigabit connection to a Local Area Network (LAN) through a network hub.
- 4. Line In port (light blue): This port connects the tape, CD, DVD player, or other audio sources.
- 5. Line Out port (lime): This port connects to a microphone. This port connects a headphone or a speaker. In 4-channel, 5.1-channel, and 7.1-channel configurations, the function of this port becomes Front Speaker Out.
- 6. PS/2 keyboard (purple) port: This port is for a PS/2 keyboard.
- 7. HDMI port: This port is for a High-Definition Multimedia Interface (HDMITM) connector, and is HDCP compliant allowing playback of HD DVD, Blu-ray, and other protected content.
- 8. Display Port: This port is for a Display Port compactable device.
- USB 3.2 Gen1 type-A ports: These Universal Serial Bus 3.2 (USB 3.2) ports are for USB 3.2 Gen 1 devices.
- 10. USB 2.0 ports: These 4-pin Universal Serial Bus (USB) ports are for USB 2.0 devices.
- 11. Microphone port (pink): This port connects to a microphone.

NOTE: Please use the ports below to connect your GOSHAWK VERGE to a monitor.



Display connectors

- 1. Display Port 1.4a: This port is for a Display Port compactable device. You can connect up to 3 such devices.
- HDMI 2.1: This port is for a High-Definition Multimedia Interface (HDMITM) connector, and is HDCP compliant allowing playback of HD DVD, Blu-ray, and other protected content.

Important prerequisites before you start

- 1. Please make sure to place your GOSHAWK in a properly ventilated place.
- 2. Do not place it inside closed cabinets or other such areas.
- 3. Provide at least 15 cm clearance at the front and back of the GOSHAWK.
- 4. Make sure the ambient temperature of the area where GOSHAWK is placed is within specified limits.
- 5. Do not restrict the incoming or outgoing airflow of the GOSHAWK by blocking any of its vents or air intakes.

6. Ensure the surface where your place your GOSHAWK is free from strong static interference, earthing, otherwise it could damage components inside.

Setting up your GOSHAWK:

- Connect the monitor to the GOSHAWK using one of the video outputs ports (VGA, DVI-I, HDMI, or DP) using included cable(s). Some select models of GOSHAWKs have Graphics Processing Unit (GPU) or Video Card. You need to connect the monitor to designated video output port (VGA, DVI-I, HDMI, or DP) on the GPU.
- 2. Plug the GOSAHWK power cord and monitor(s) power cord into an AC outlet. In case you are using a UPS of recommended specifications, plug in your GOSHAWK power cord there and the UPS power cord to AC outlet.
- 3. Connect a USB mouse and keyboard to the USB ports on the rear panel of your GOSHAWK.
- 4. Connect other peripherals if any (such a printer) according to setup instructions included with that device.

Turning your GOSHAWK ON/OFF

This section describes how to turn on/off your GOSHAWK after setting up your GOSHAWK.

Turning your GOSHAWK ON

- 1. Turn your monitor ON first.
- 2. Press the power button on your GOSHAWK.
- 3. Wait until the operating system loads automatically.

Turning your GOSHAWK OFF

- 1. Close all running applications.
- 2. Click on the Windows icon on the desktop.
- 3. Click on power and then shut down, to shut down the operating system.

PART 2 Connecting devices to your GOSAHWK

1. Connecting a USB storage device

This GOSHAWK comes with USB 3.2 Gen 1 ports on the front and rear panels (based on GOSHAWK models). The USB port allows you to connect USB devices such as storage devices.

To connect a USB storage device, insert the USB storage device to either top, front, or back of your GOSHAWK.

2. Connecting microphone and speakers

This GOSHAWK comes with single microphone and speaker ports on front (or top) and separate microphone and speaker ports in rear panels which are color coded. The audio I/O ports located on the rear panel allow you to connect 2-channel, 5.1-channel, and 7.1-channel stereo speakers.

3. Connecting headphones and mic

This GOSHAWK comes with single microphone and speaker ports on front (or top) and separate microphone and speaker ports in rear panels which are color coded. Connect the appropriate cable of microphone and mic of your headphone to either the front or back panel.

4. Connecting multiple monitors

Your GOSHAWK may come with VGA, DVI-I, HDMI, or DP and allows you to connect multiple monitors.

To set up multiple displays, connect the two monitors to your GOSHAWK and connect the power cords to the monitor. Refer to setting up your GOSHAW section in Part 1 for details on how to connect a monitor to your GOSHAWK.

When using multiple monitors, you are allowed to set display modes. Please follow your Windows operating display settings to configure the displays.

PART 3 Connecting to the Internet

Wired connection

Use an RJ-45 cable to connect your GOSHAWK to an ADSL/DSL/cable modem.

To connect via an ADSL/DSL/cable modem:

- 1. Setup your DSL/cable modem. Refer to documentation that came with your ADSL/DLS/cable modem.
- 2. Connect one end of an RJ-45 cable to the LAN (RJ-45) port on the rear panel of your GOSHAWK and the other end to an ADSL/DSL/cable modem.
- 3. Turn on the ADSL/DSL/cable modem and your GOSHAWK.
- 4. Setup a service call with your Internet Service Provider (ISP) to properly configure the ADSL/DSL/cable modem.

Wireless connection

To connect your GOSHAWK to a Wi-Fi network:

- 1. 1.Select the wireless icon from the Windows operating taskbar.
- 2. Select the appropriate access point from the list of available Wi-Fi connections.
- 3. Select connect to start the network connection. You may be prompted to enter a security key or password to activate the Wi-Fi connection.

PART 4 Using Windows 11

Your GOSHAWK comes with Windows 11 home preinstalled. This section walks you through Windows 11 operating system.

Logging in

Once you power ON your GOSHAWK, you may be asked to enter your username and password (only in case where username and password is defined). If someone else is already logged in, click on Switch Accounts option from the bottom left.

The Windows taskbar

The Taskbar contains key options for using the operating system such as the Start Menu, Windows Search, Virtual Desktops, Windows Explorer access and certain programs. On the right side, it lists applications currently running in the background along with the Action Centre.

- 1. The Start Menu allows you to access all the programs in the GOSHAWK.
- 2. Search allows to search for a program, settings, or files.
- 3. Desktops allows to create a new virtual desktop or switch between desktops.
- 4. File Explorer allows access to files stored in the GOSHAWK.
- 5. The Widgets icon displays various updates such as weather, news etc.
- 6. Teams Chat enables you to chat and video conference with anyone.
- 7. Edge is the default browser for Windows 11.
- 8. To customize the taskbar settings, right click on the Taskbar and select Taskbar Settings.

The start menu

The Windows 11 Start Menu incorporates the features of the Windows 10 but on a different position. The location can be changed by customizing the Taskbar Settings.

1. Click on the Windows Logo and note the search functionality. To locate an app, simply start typing or click on All apps button locate your app.

- 2. To add an application to Start menu, click on All Apps, locate the application, and then right click selecting Pin to Start.
- 3. To remove an App from the tiles area, right click on it and choose Unpin.
- 4. To access the Start Menu Quick Options, right click on the Start Menu icon.
- 5. To further customize the Start Menu, click on Start / Settings / Personalization / and then Start.
- 6. To pin apps to the Taskbar, click Start / All Apps or search for the app, then right click and select Pin to Taskbar.
- 7. To access key areas of managing Windows, right click on the Windows icon and select one of the options.

The Windows desktop

The desktop allows you to launch applications or access files from the main desktop area.

- 1. To add a program to the desktop, click on the Start Menu > All Programs > Drag the program icon to the desktop.
- 2. To remove the icon from the desktop, simply press delete.
- 3. To change desktop settings, right click anywhere where there are no icons and then select View and use one of the settings such as icon size etc.
- 4. To further customize the desktop, right click where there are no icons and select Personalize.
- 5. To create new virtual desktops, click on the Desktops icon on the Taskbar, and select new desktop.

Launching applications in Windows 11

- To launch an application, click on the icon on the Taskbar once.
- To launch an app from the desktop, double-click on the app's icon.
- To launch an application from the Start Menu, locate the application and click on it once.

Working with active applications

- 1. To close the opened application, click on the X icon on the top right of the application bar.
- 2. To minimize the application, click on the minimize icon sign on the application bar.

3. To resize the application window, click on the resize icon. Also note the various desktop layouts if you hold the mouse on the resize icon of the application bar. To select a position, simply click on it.

Switching between open applications

- 1. Hold the ALT key and press TAB and select the application.
- 2. To switch between active apps, click on the application icon on the taskbar.

Searching using the search icon or keystroke

1. Press the Windows Key on the keyboard or click on the Search icon and start typing e.g., Word, or Settings.

Accessing files / using the improved file explorer

- 1. Click on the File Explorer icon on the Taskbar.
- 2. Note the various options on the left panel:
 - Quick Access enables you to access recently accessed files and folder. To add a folder to Quick Access panel on the left, right click on the folder and select Pin to Quick access.
 - Desktop displays the items on the main desktop.
 - Documents displays folders and subfolders of your files under the account.
 - Pictures is a shortcut to Pictures
 - This PC shows al the devices connected to the PC.
- 3. To change the default view of how the files, show up, click on View and select the desired view under the layout area (e.g., List).
- 4. To add a new file or folder, click on New on the top left bar.
- 5. To copy files or folders, right click on the object selecting copy, then go to the new location and right click and press the Paste
- 6. To create a .zip file, select a folder or a bunch of files, right click and select Compress to Zip

Browsing the internet using Microsoft edge

- 1. Click on the Microsoft Edge icon on the Taskbar.
- 2. Click through the prompts (if prompted).
- 3. Type the URL of the site you want to visit in the address bar and press enter.

Logging out or shutting down the GOSHAWK

- 1. To logout, click on Start > click on your username > select Sign out.
- 2. To lock the GOSHAWK, click on Start > click on your username > Lock or use Windows Key + L.
- 3. To shut down the GOSHAWK, click on Start > Power and then select Shutdown, or Reboot.

Using the Windows Store

Windows 11 offers the options for downloading apps. These apps can be free or paid, requiring you to add a payment method before buying them.

- 1. Open Windows Store and pick the app that you want.
- 2. Click on get to download the app. In case of paid app, you may have to pay for it using a valid payment method.
- 3. Let the selected app get downloaded on your GOSHAWK.
- 4. A valid Microsoft login ID is needed to utilize Windows store.

Modifying Windows settings

- 1. Click on the Search icon (or press the Windows key), then type Settings.
- 2. Browse through the various categories of settings on the left. Note you can also search for a particular setting on the left panel. E.g., wallpaper.

Personalizing the look and feel of Windows 11

- 1. Right click on the desktop and choose Personalize.
- 2. Choose from one of the themes or backgrounds you like. This option is also in Settings.

Changing the font size

- 1. Right click on the desktop and choose Display Settings.
- 2. Scroll down to Scale and Layout section and change the scale %.

Using the sticky notes

- 1. Press the Windows Key and type Sticky Notes.
- 2. Start writing on the note.

Using the snipping tool

This is useful if you want to send part of a screenshot to someone via email, etc.

- 1. Press the Windows Key and type Snipping tool.
- 2. Click on New / Select a portion of the screen you want to capture.
- 3. Choose Save to save the captured image or copy and paste the image.

Changing the default printer

- 1. Press the Windows key or type Printers in the search area in the Taskbar
- 2. Scroll down and unselect "Let Windows manage my default printer".
- 3. Click on the printer you want to set as the default, click on Set as Default.

Backing up the files

- 1. Use OneDrive or an external drive to back up your files.
- 2. Click Search > Windows Backup to configure the settings.

Scanning your GOSHAWK for viruses and malware

Windows 11 comes with built-in Antivirus protection called: Windows Defender.

- 1. Press the Windows Key and type: Windows Security > Virus and Thread protection
- 2. Click on Scan Now and/or customize the settings

Customizing the privacy settings in Windows 11

By default, Windows 11 collects a lot of data from browsing, online purchases, words you say or type to personalize your experience like that on mobile OS like Android and iOS.

- 1. Press Start > Settings > Privacy Settings on the left. Then go through each item on the left such as location, camera, etc.
- 2. Under General: What you write, Location: Off; Speech and Inking: Unless you like to use Cortana, turn it all off. Feedback and diagnostics: Diagnostic and usage data: Basic.

Controlling sound settings

- 1. Right click on the Sounds icon on the Taskbar (far right) and select Sound Mixer.
- 2. Adjust the settings as needed. Note they are now application specific.

Using focus assist

Focus Assist is a new tool where you can control what alerts you will receive so that you can focus on tasks at hand.

- 1. Click on the Quick Settings Icon on the far right of the toolbar first icon to the left of the time.
- 2. Click to toggle the Focus Assist Additional settings are available under Settings.

PART 5 Troubleshooting

1. No power

- a. Press the power button on the front panel to ensure that your GOSHAWK is turned on. Refer to **PART 1Getting started.**
- b. Ensure that the power cord is properly connected.

2. No display

- a. The cable is not connected to the appropriate display port on your GOSHAWK. Refer to **PART 1 Getting started** on how to properly connect your GOSHAWK to monitor.
- b. Try using a different cable
- c. Try using a different monitor
- d. Reinstall display drivers.

3. No internet connectivity

- a. Make sure your GOSHAWK is connected to ADSL/DSL/wired modem via the RJ-45 cable. Refer to **PART 3 Connecting to the Internet.**
- b. Make sure your GOSHAWK is connected to the correct Wi-Fi network.
- c. Make sure your antivirus is not blocking any network.
- d. Reinstall your LAN drivers.
- e. Contact your Internet Service provider (ISP) for any kind of network outrages.
- 4. No audio
 - a. Make sure your audio device is connected properly. Refer to **PART 2 Connecting devices to your GOSAHWK.**
 - b. Disconnect and reconnect your audio devices.
 - c. Try both front and back audio ports.
 - d. Reinstall the audio drivers.

- 5. GOSHAWK is too slow or sluggish
 - a. Too many programs are running in the background. Close some of the programs.
 - b. Virus or malware issues. Run a scan with anti-virus software to clean your system from viruses and malware.
- 6. GOSHAWK often hangs or freezes
 - a. Your GOSHAWK may be heating up due to poor ventilation and airflow. Move it to an area with better airflow.
 - b. Your GOSHAWK may not have been maintained well. Follow GOSHAWK maintenance guidelines for proper maintenance of your GOSHAWK.