

Getting Started Guide

GeneXpert® Xpress™ System



BEFORE YOU BEGIN

Read these instructions completely and carefully.

INSTALLATION

GeneXpert Xpress System Parts



Figure 1. GeneXpert Xpress System Parts

The GeneXpert Xpress System consists of the following:

- 1 GeneXpert II Instrument
- 2 AC Power Cord/Adapter for GeneXpert II Instrument
- 3 Ethernet Cable
- 4 Barcode Scanner one or the other version
- 5 AC Power Cord/Adapter for Computer
- 6 Touch Screen Computer



Figure 2. GeneXpert Xpress System Accessories

GeneXpert Xpress System accessories consist of:

- 7 Computer Stand (Also see Figure 10)
- 8 Ethernet Adapter (For connection to the LIS/Network)
- 9 External DVD Drive
- 10 Wireless Printer
- 11 Wireless Printer AC Power Cord

NOTE

Items 8, 9, 10 and 11 may not be required for initial setup. Please store all items not used securely. Refer to the User Guide for accessory component usage.

UNPACKING THE GeneXpert Xpress SYSTEM

Carefully remove all boxes from the large shipping box. Remove each of the components from their individual packaging.

NOTE

Be sure to save all packaging material.

CONNECTING THE GeneXpert Xpress SYSTEM

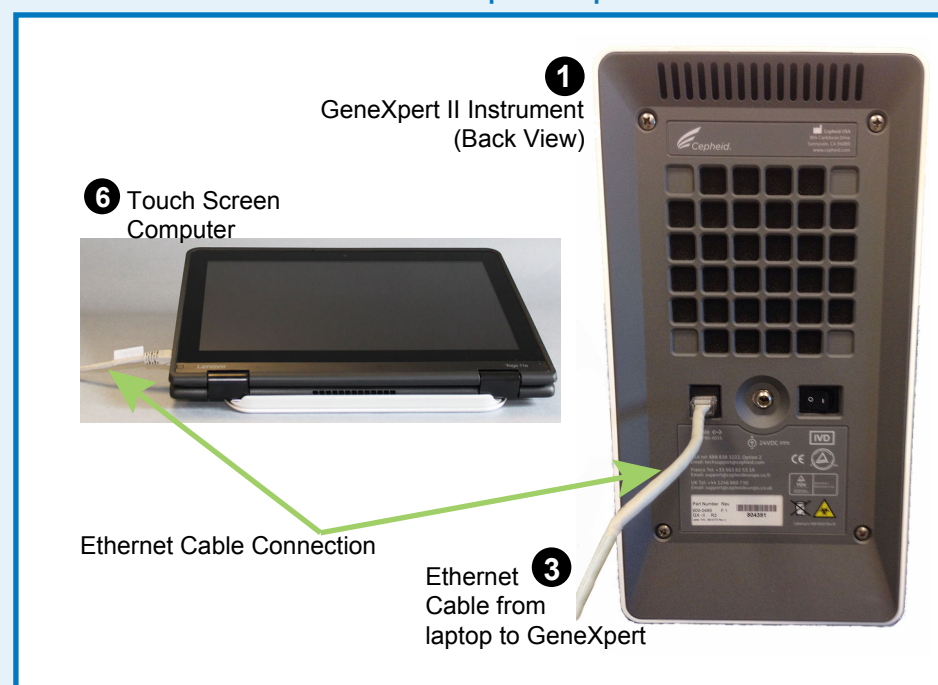


Figure 3. Ethernet Connections

1. Connect one end of the supplied Ethernet cable 3 to the Ethernet port on the left edge of the computer (see Figure 3 and Figure 4).
Note: Use the supplied Ethernet cable only.

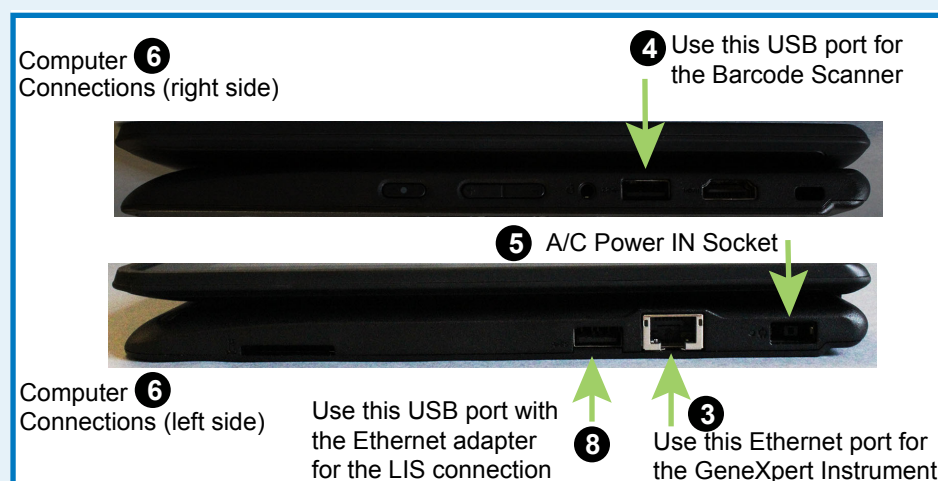


Figure 4. Computer Connections

2. Connect the other end of the Ethernet cable 3 to the Ethernet port on the back side of the GeneXpert II Instrument 1 as shown in Figure 3 and Figure 5.
3. Connect the barcode scanner 4 USB cable to the USB port on the right side of the computer 6 as shown in Figure 4.
4. If an LIS/network connection is required, plug the Ethernet adapter 8 into the USB port shown in Figure 4. Plug the LIS/network cable (not provided) into the Ethernet adaptor. 8
5. Position the GeneXpert II 1 so the power switch is accessible (See Figure 5).



Figure 5. GeneXpert II Back Panel

6. Insert the GeneXpert II AC power cord 2 into the GeneXpert II input socket until it stops. Tighten the knurled nut securely (Figure 5).
7. Connect the other end of the GeneXpert II power cord 2 to a grounded AC power source.
8. Connect the computer power cord 5 (Figure 6) to the computer A/C Power IN socket (Figure 4).



Figure 6. Computer Power Cord

9. Connect the computer power cord 5 to a grounded AC power source.



CAUTION

It is recommended that a UPS (not provided) be connected to a properly grounded circuit. Make sure the system is connected properly to a UPS.

Using a non-grounded circuit can cause damage to the system.

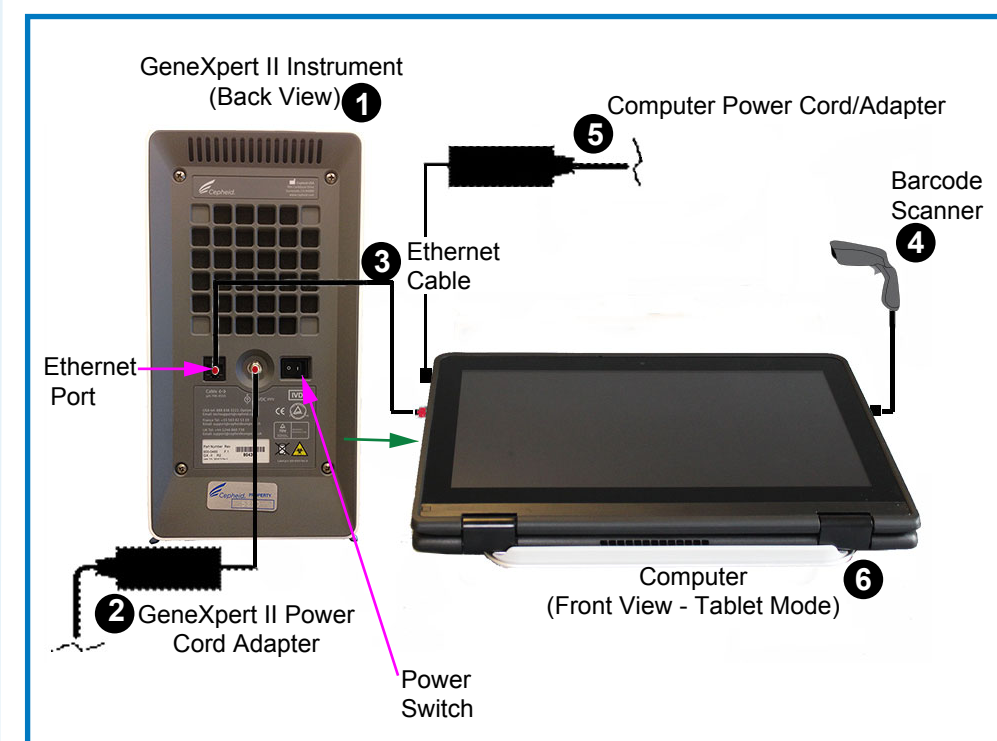


Figure 7. GeneXpert Xpress System Connections

NOTE

Item 8 (Ethernet Adaptor for LIS/Network) is not pictured in Figure 7. If used, it will be located where shown by the green arrow.



WARNING

If this system is used in a manner not specified by Cepheid, the safety protection provided by the equipment may be impaired.

IMPORTANT

Provide at least 5 cm (2 in.) of clearance on each side of the GeneXpert II. Do not block the fan exhaust or the air intake on the back side of the instrument. Lack of proper ventilation can cause the GeneXpert II to malfunction.

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GeneXpert® Xpress™ System



POWERING UP THE GeneXpert Xpress SYSTEM

1. Reach behind the instrument and press the “|” symbol on the power switch (Figure 5) to turn on the GeneXpert II.

The small blue power light on the front of the GeneXpert II turns on (Figure 8).



Figure 8. GeneXpert II, Blue Power Light

2. Locate the power switch and press to turn on the computer as shown in Figure 9. The power switch is located on the right front of the computer.



Figure 9. Computer Power Switch

NOTE

The software is configured in Tablet Mode when shipped; however, the computer is shipped closed. Gently open the computer display 360 degrees from the closed position, (as shown in Figures 4, and 9).

STARTING THE SOFTWARE

1. The Windows lock screen will appear after turning on the computer (Figure 10). Touch the screen and swipe upwards.



Figure 10. Windows Lock Screen

2. The Windows Login Screen appears (Figure 11).

3. Touch **Password** field to display the keyboard and then type the password **cpnd**, using all lowercase letters.

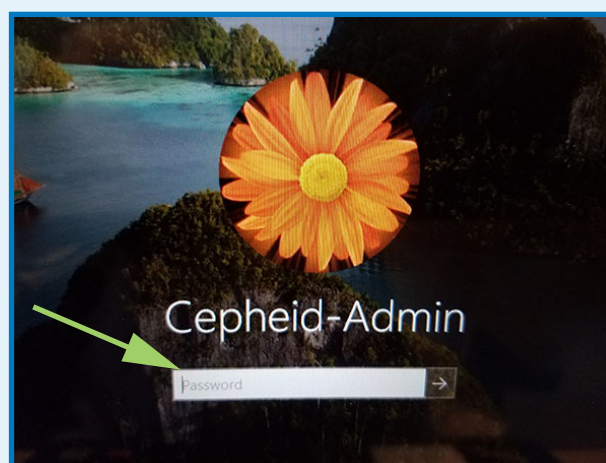


Figure 11. Login Screen

4. Touch the arrow button located at the end of the password entry.
5. The user will be asked to change the Cepheid-Admin password during the first login. Follow the system prompts to change the password.
6. Login to Cepheid-Admin using the new password. Be sure to store the new password in a safe place.
7. The Xpress software will open automatically. The Welcome screen appears after the Xpress software finishes initializing.
8. Touch the **TOUCH HERE TO BEGIN** button (Figure 12).

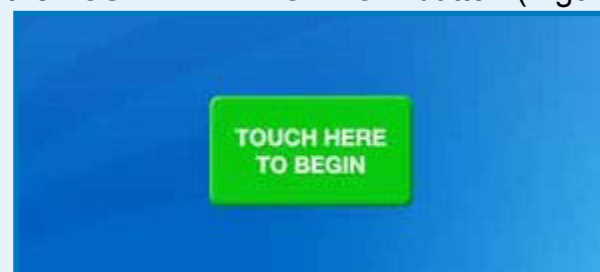


Figure 12. Welcome Screen

9. The **RUN NEW TEST** button will appear on the Home screen within 3 minutes (Figure 13). Please be patient as the system initializes.

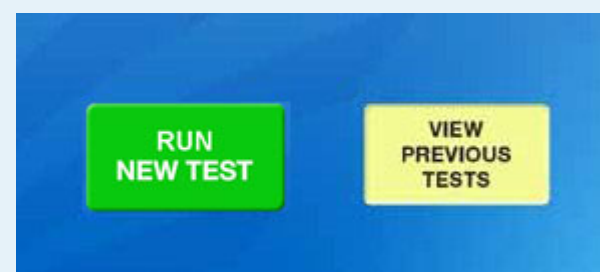


Figure 13. Home Screen with **RUN NEW TEST** Button

10. Follow instructions for testing samples using the printed Quick Reference Guide included with the Xpress system and the Package Insert, included with each assay kit.

NOTE

Please see the *GeneXpert Xpress System User's Guide* for instructions on setting up user logins and passwords.

CONFIGURING THE ADMINISTRATION FUNCTIONS

See the GeneXpert Xpress System User's Guide (P/N 301-6994) for the instructions on the following:

- Creating User Account and Passwords
- Managing Assay Definitions
- Connecting to the Printer (if applicable)

TROUBLESHOOTING

1. If you do not see the **RUN NEW TEST** button on the Home screen (Figure 14), check that the GeneXpert Xpress Instrument front-panel blue light is on (Figure 8) and check that all cables are connected correctly (Figure 7).
2. If you still do not see the **RUN NEW TEST** button on the Home Screen (Figure 12), press the **EXIT** button to return to the Windows Desktop.
3. Tap the Application List icon located on the upper left side of the Windows Desktop. Then tap the Cepheid folder. Tap the GeneXpert Xpress icon.

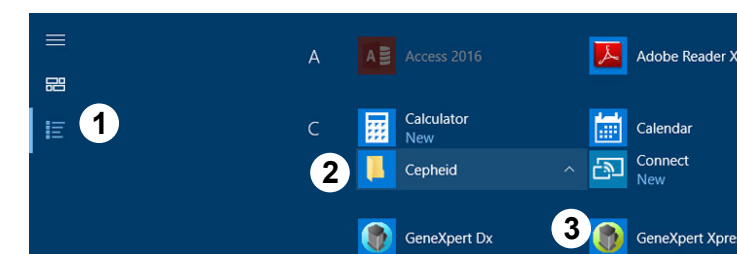


Figure 14. Application List

This will open the Xpress software and the Home Screen with the **RUN NEW TEST** button should appear within 3 minutes (Figure 13).

CEPHEID TECHNICAL SUPPORT

If you need help, please contact Cepheid Technical Support.

Phone: +888.838.3222
Email: TechSupport@Cepheid.com

GeneXpert Xpress SYSTEM SPECIFICATIONS

GeneXpert II Instrument

- Dimensions: 16.3 cm (6.4 in.) wide, 30.7 cm (12.1 in.) high, 29.7 cm (11.7 in.) deep.
- Weight: 6.5 kg (15 lbs).
- Rated AC Voltage Range: 100-240 V ~ 50-60 Hz
- Rated Input Current: 1.5 A @ 100V, 0.7A @ 240V~
- A 100-240 VAC, 50-60 Hz, 10 A, grounded outlet is required.

Computer

- Dimensions: 285 mm (11.22 in.) wide, 22.2 mm (.8 in.) high, 212 mm (8.35 in.) deep.
- Weight: 1.4 kg (3.08 lbs).
- Rated AC Voltage Range: 120-230 V ~ 50-60 Hz
- Rated Input Current: 0.54 A @ 100V, 0.28A @ 230V~
- A 120-230 VAC, 50-60 Hz, 10 A, grounded outlet is required.

Environmental

- Indoor Use Only
- Operating Temperature: 15-30 °C (59-86 °F)
- Relative Humidity: 20-80% non-condensing