

Interactive System Board Viewer

ProDesk 6xx MT series

Welcome to the interactive System Board for the
ProDesk 6xx MT series

Here's how to use it...

[Zoomable View](#) (Click the link to navigate to the viewer)

On the Zoomable View page, you will find the viewer's zoom navigation links above the viewer on the left-hand side. You can choose from four levels of magnification: 1x, 2x, 3x, and 4x.

1x: The default magnification is 1x and at this magnification you can view the location of a feature by selecting it from the numbered list on the left.

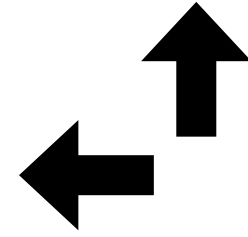
2x, 3x, 4x: When you choose a greater magnification level, you use the navigation arrows and numbered features list to focus on the feature that you wish to review.

That's it!

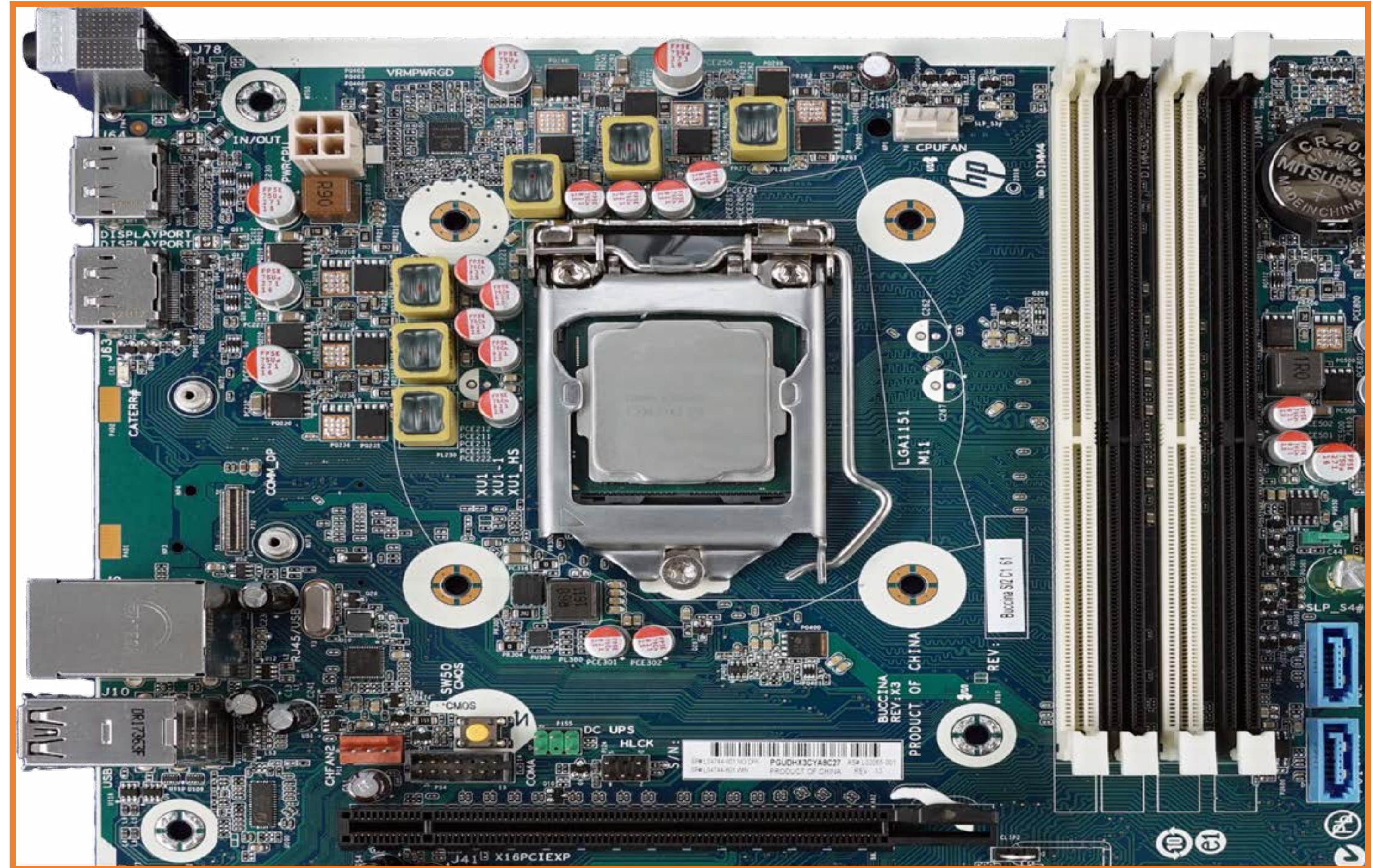
1x view

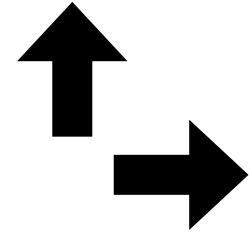


2 X View



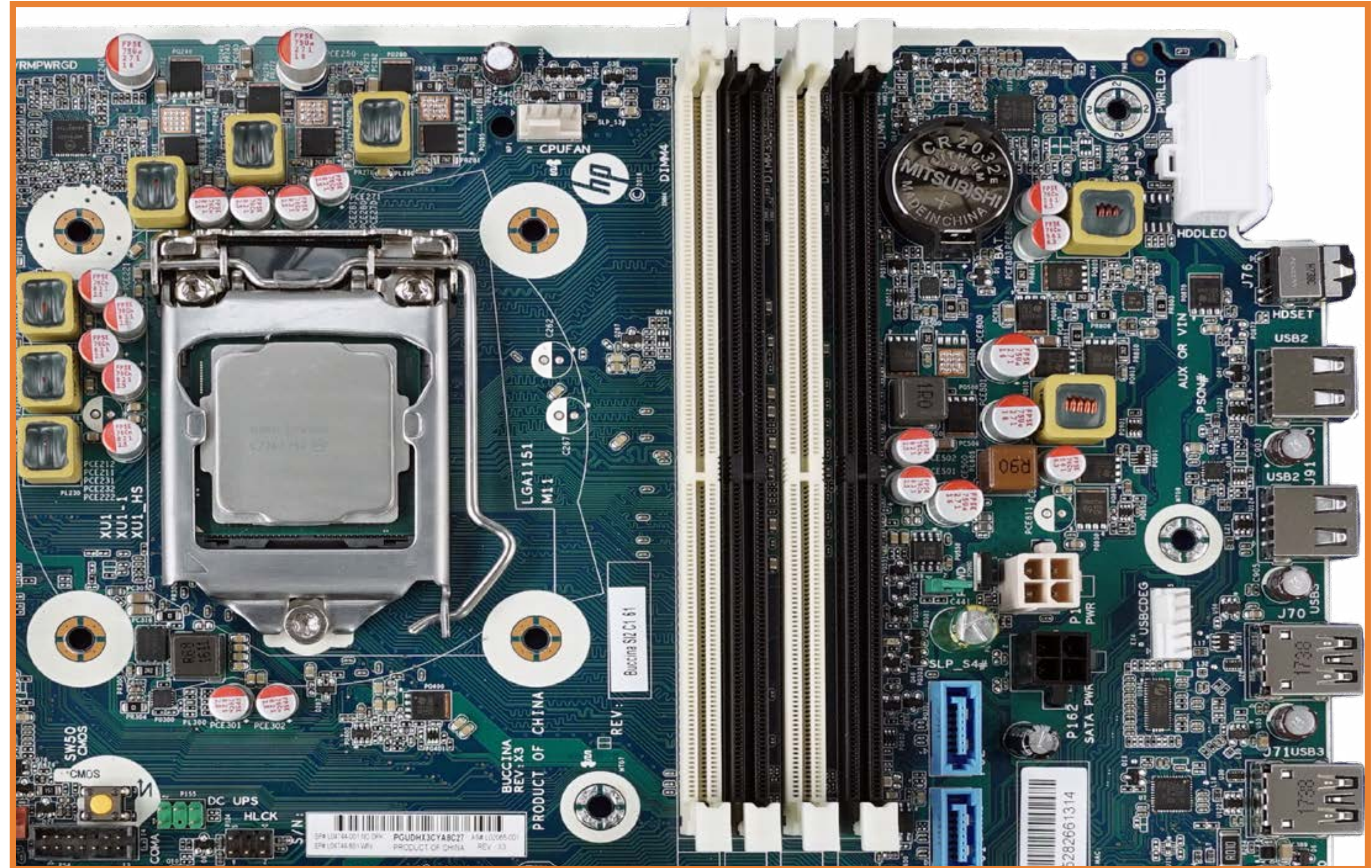
1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)



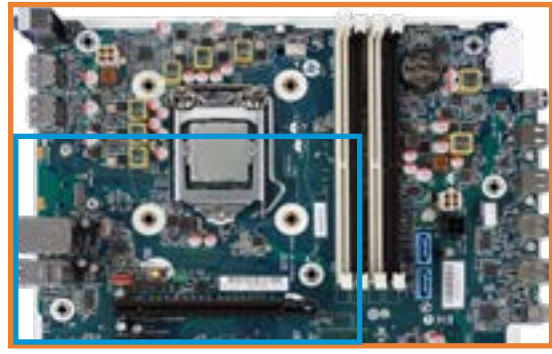


2 X View

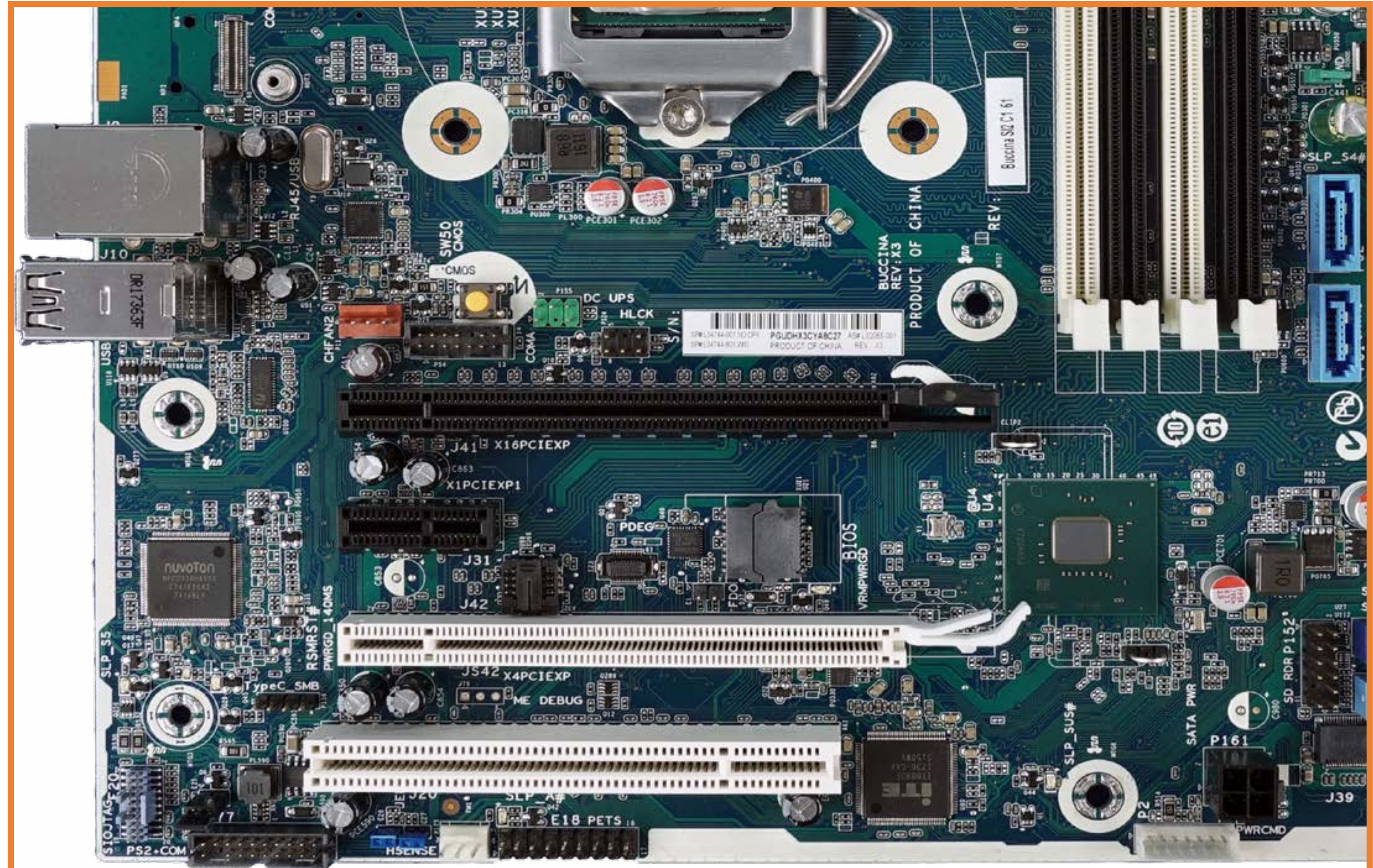
1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)



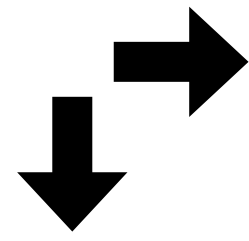
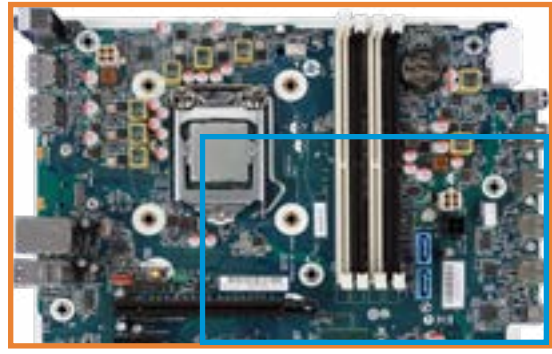
2 X View



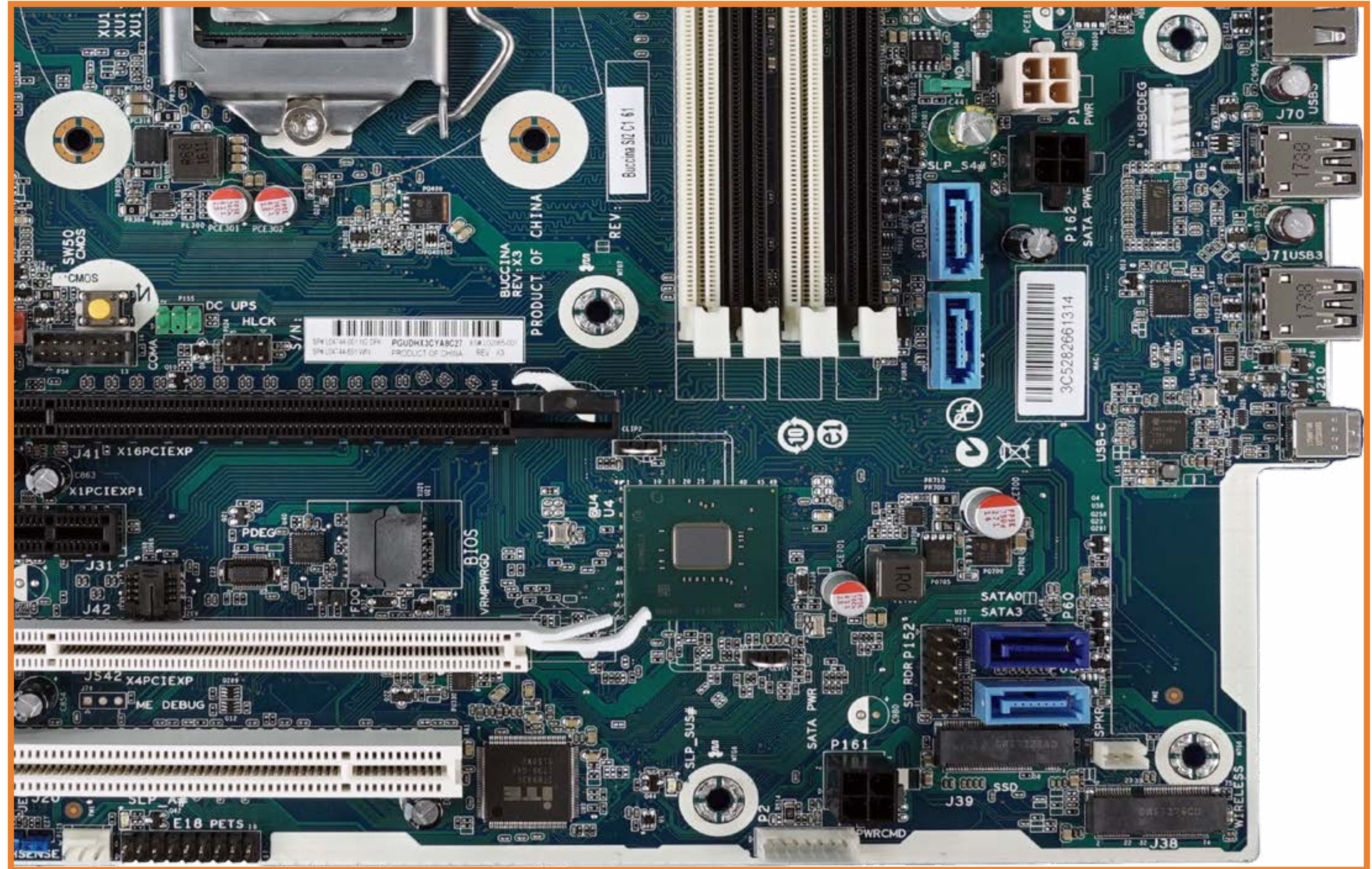
1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)



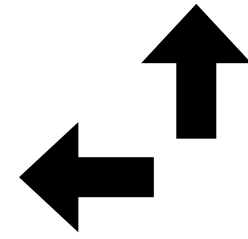
2 X View



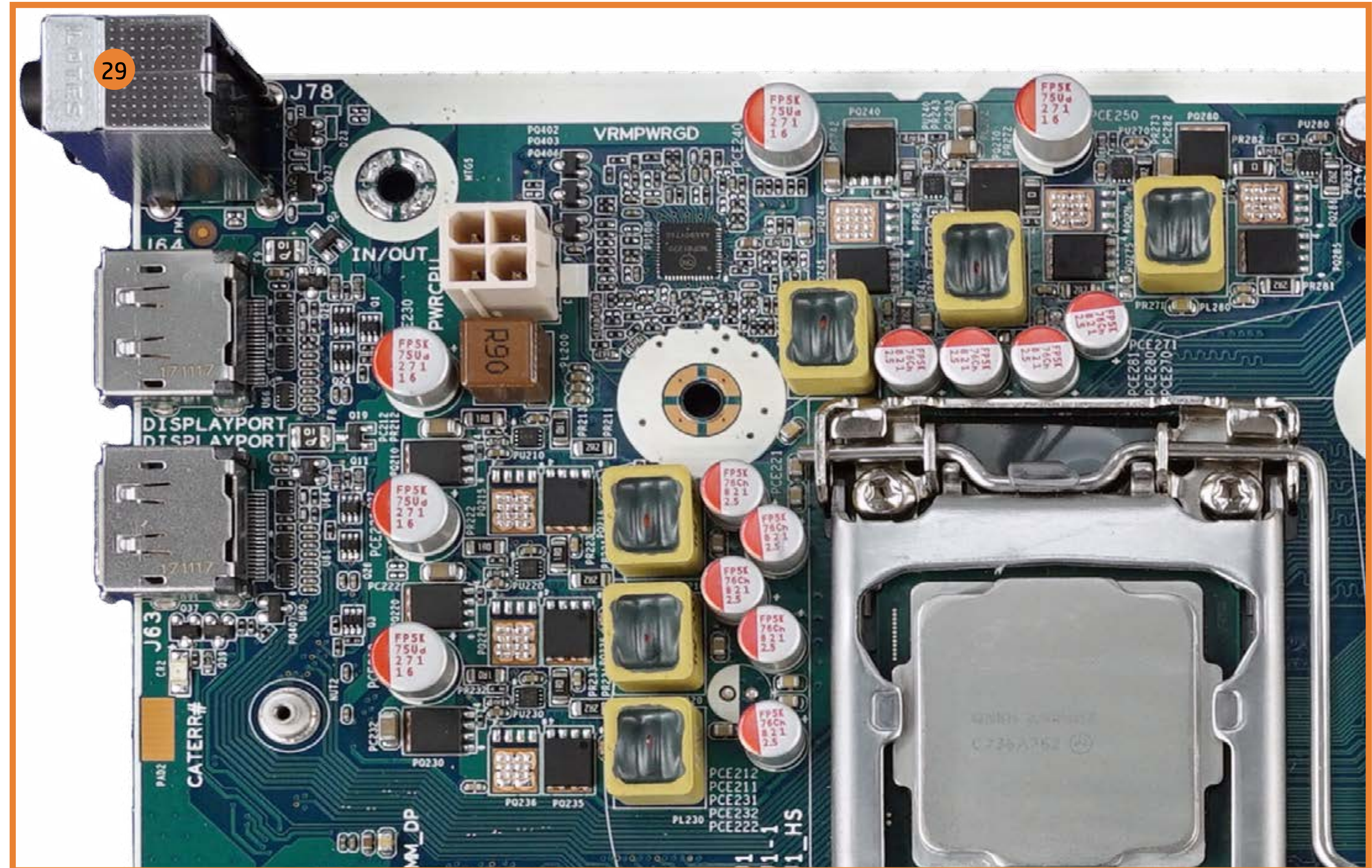
1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)

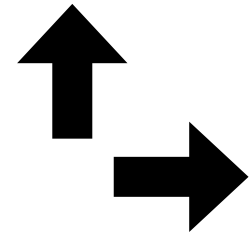


3 X View



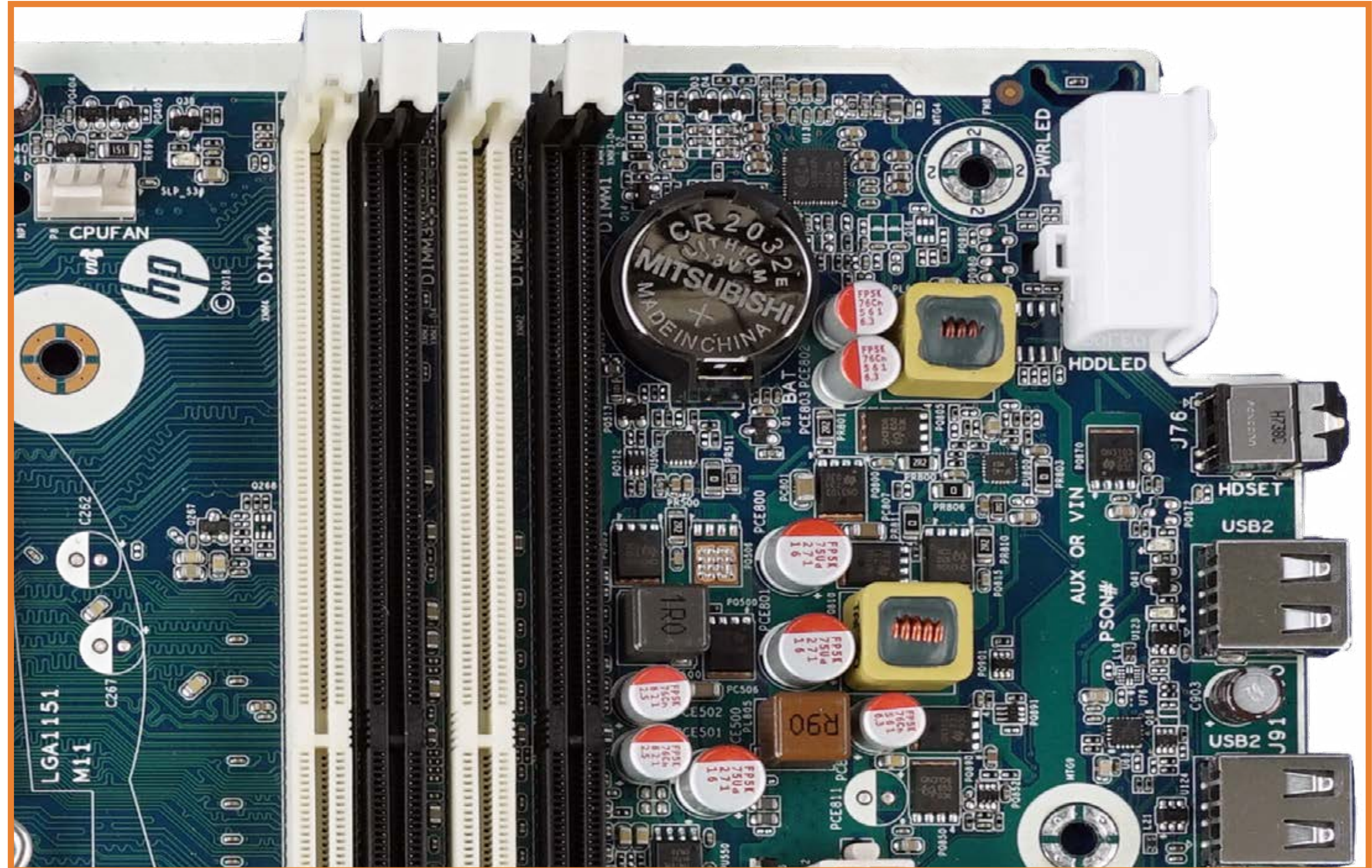
1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)



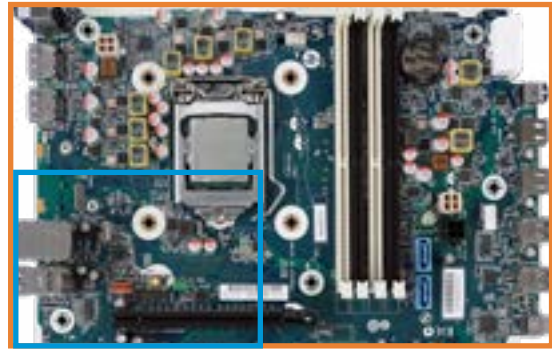


3 X View

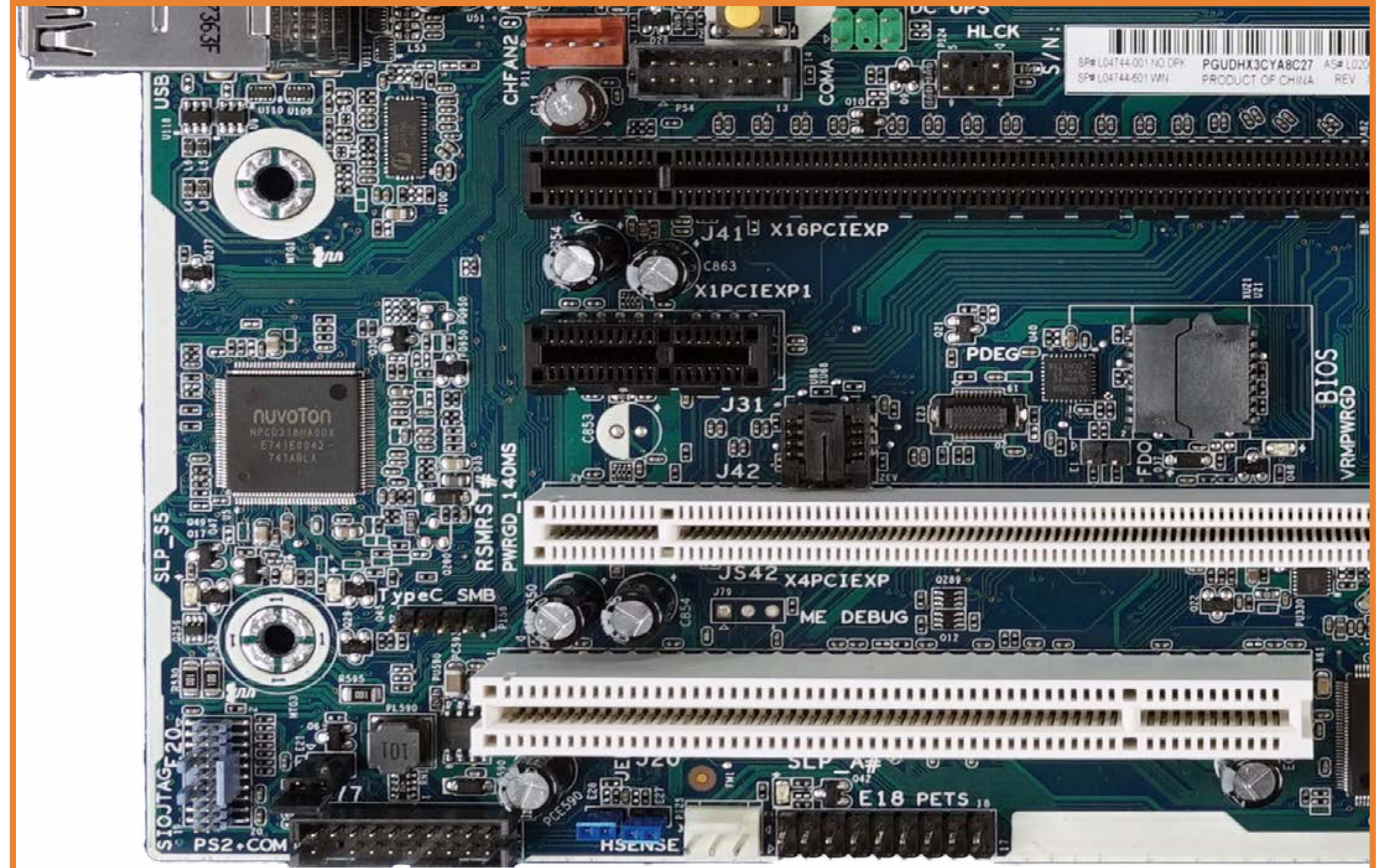
1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)



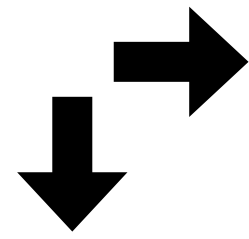
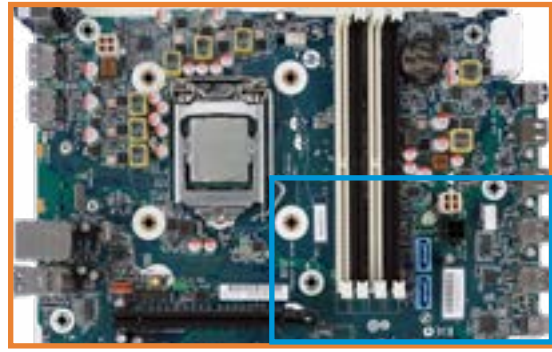
3 X View



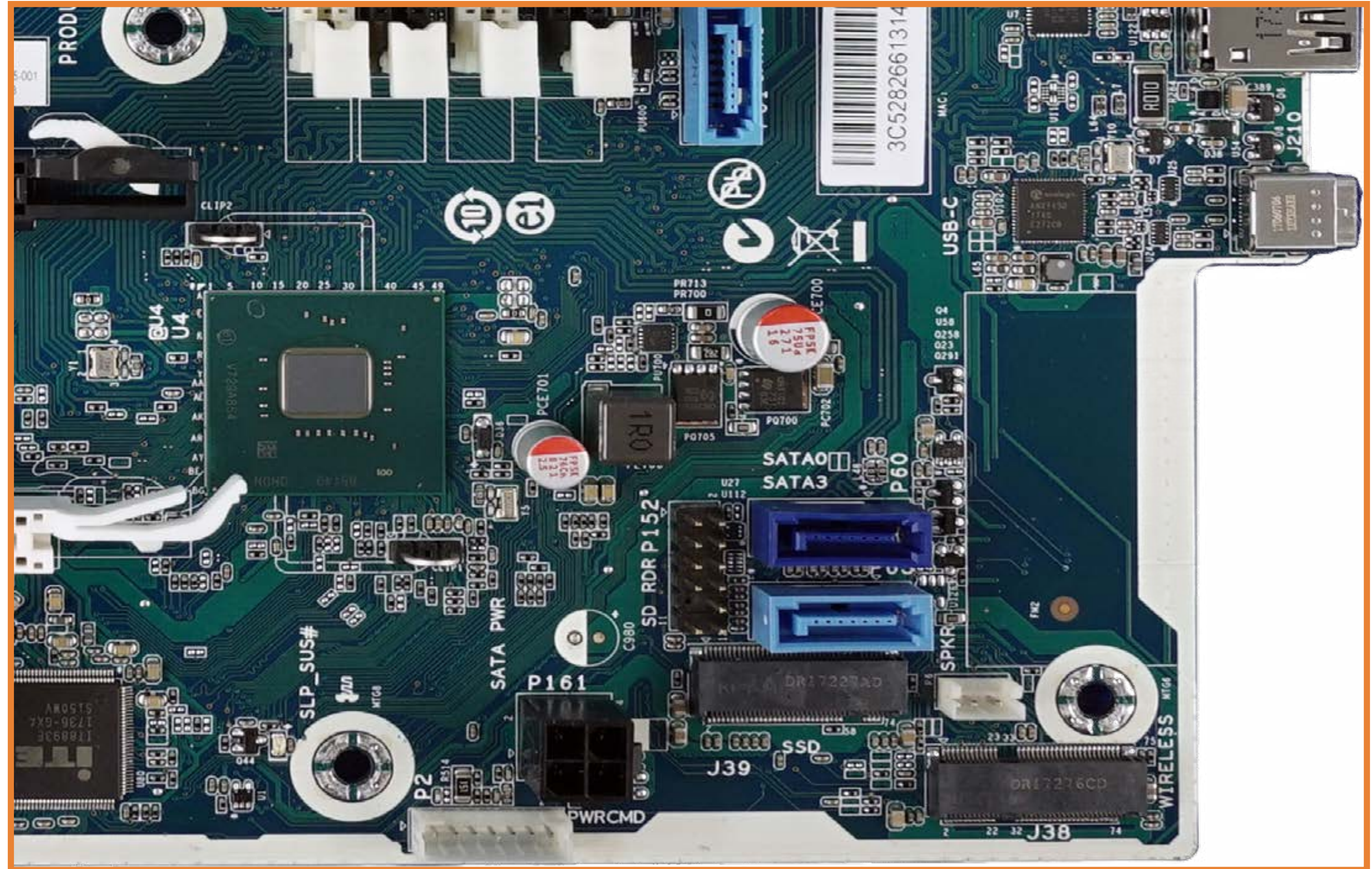
1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)



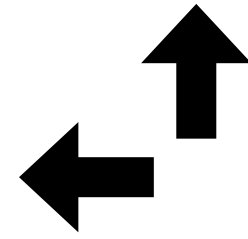
3 X View



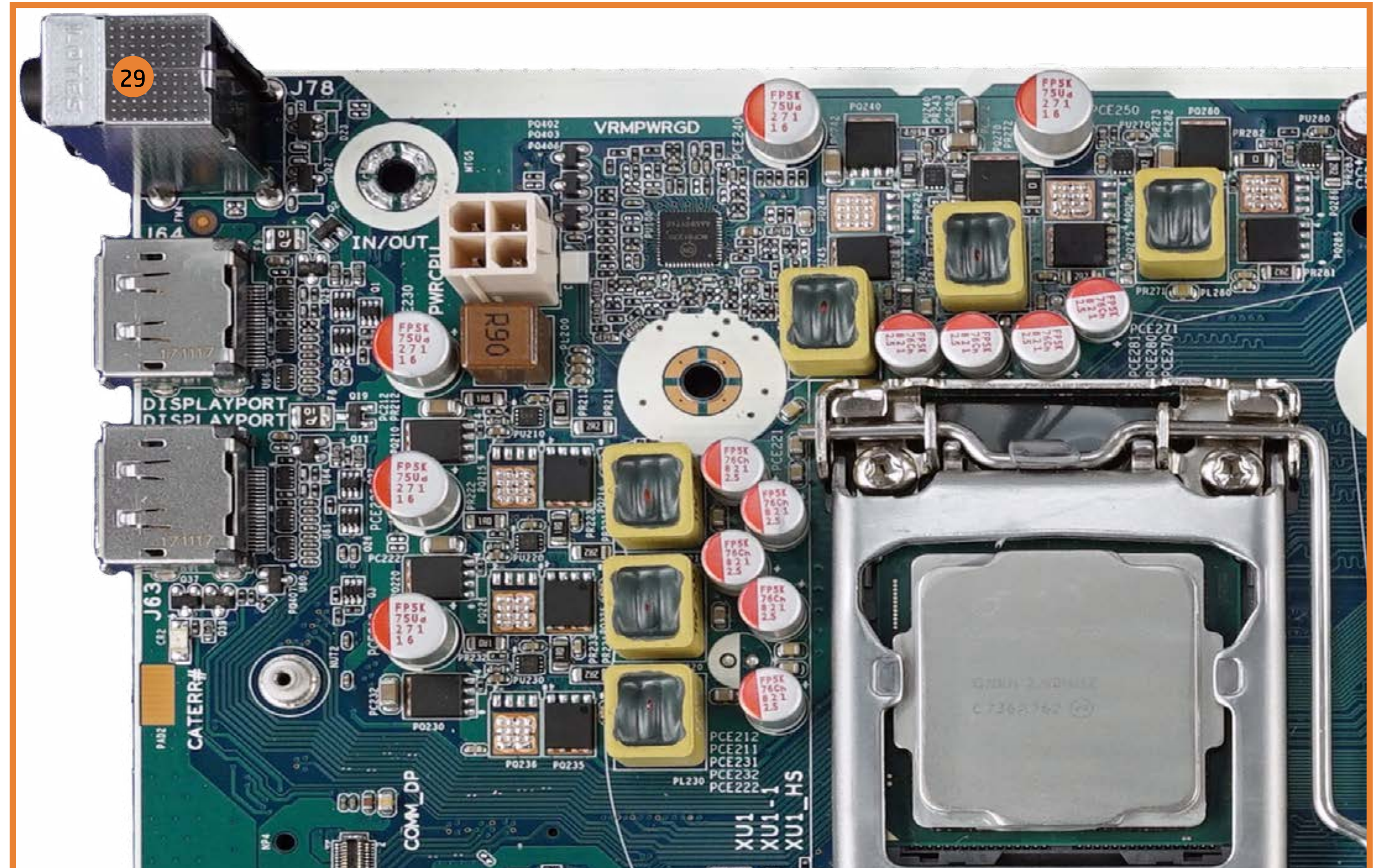
1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)



4 X View



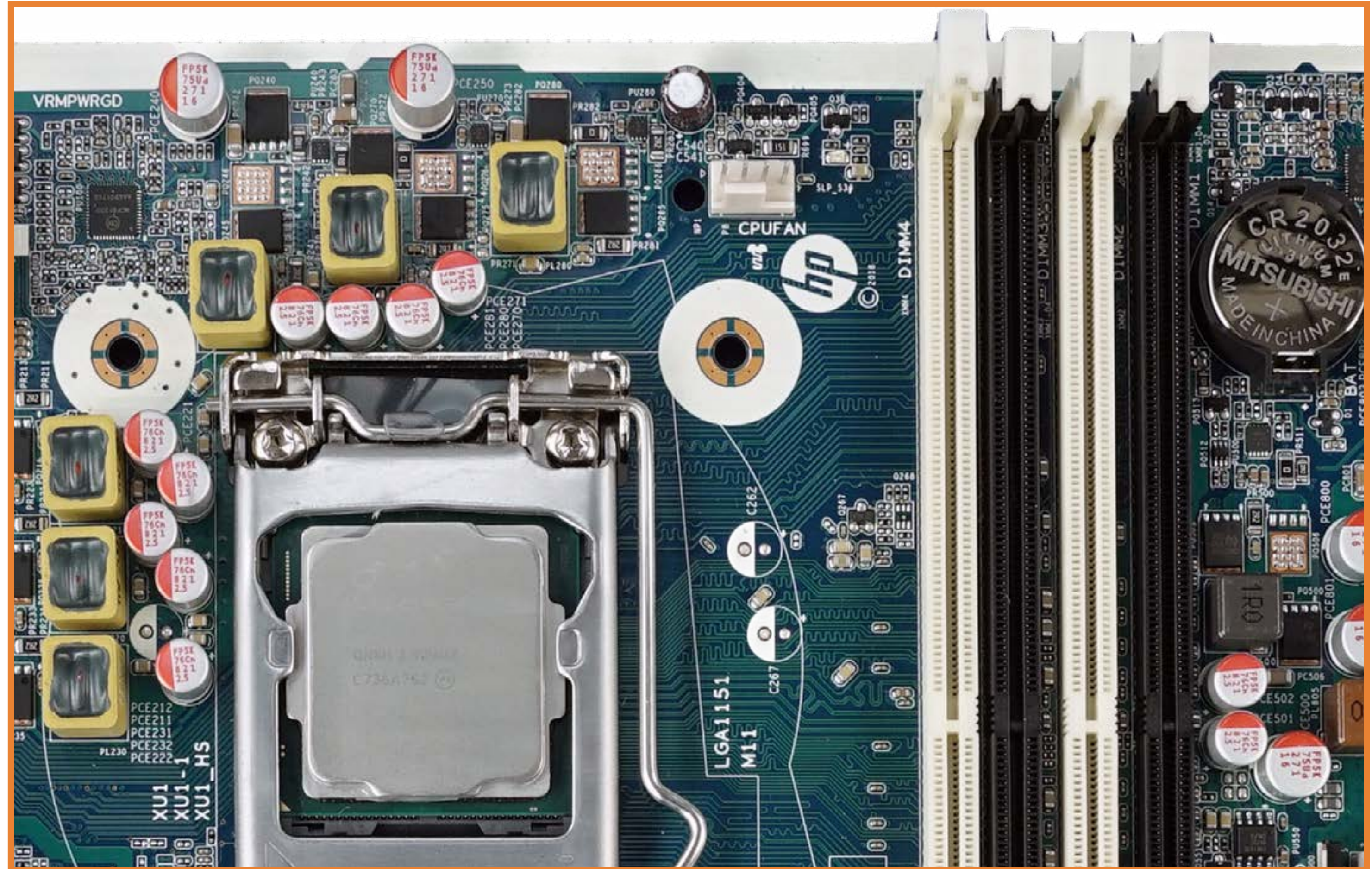
1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)

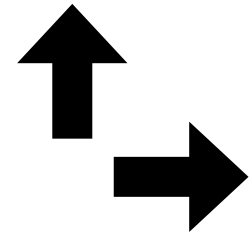
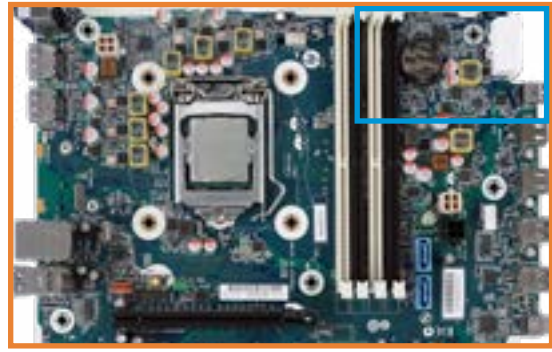




4 X View

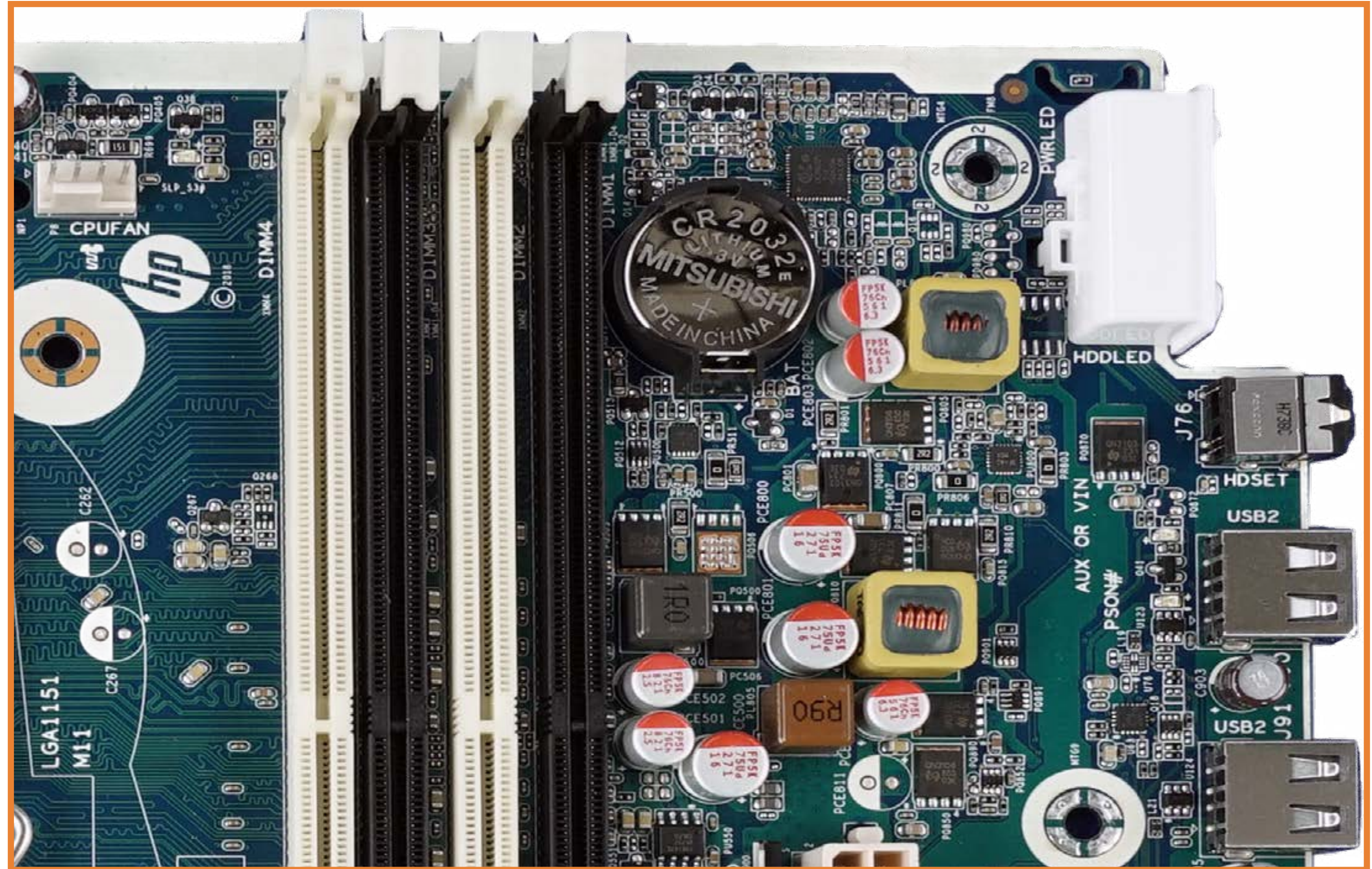
1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)



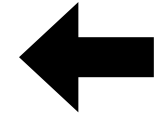
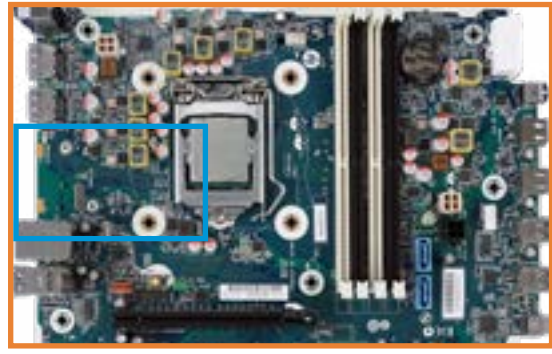


4 X View

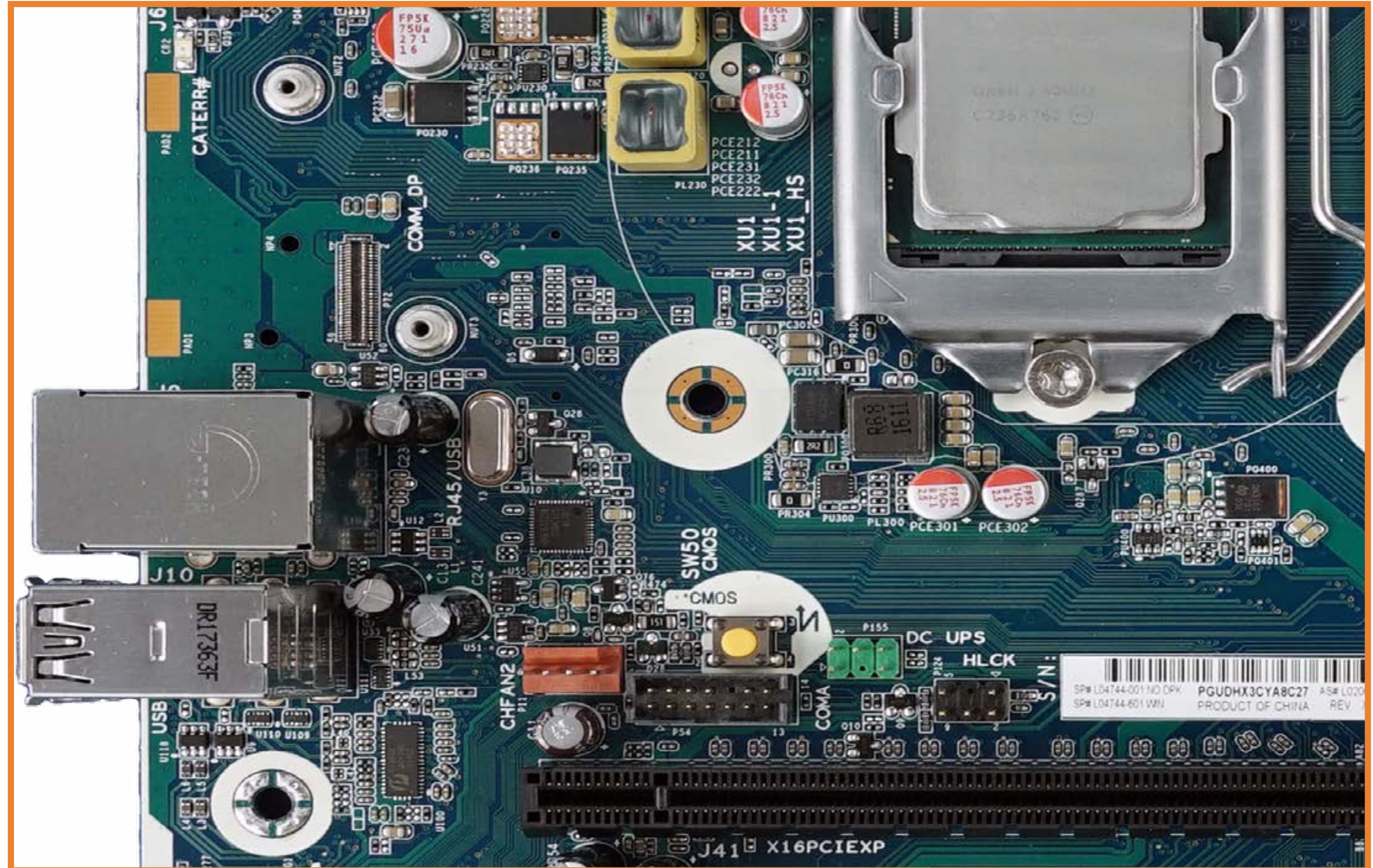
1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)



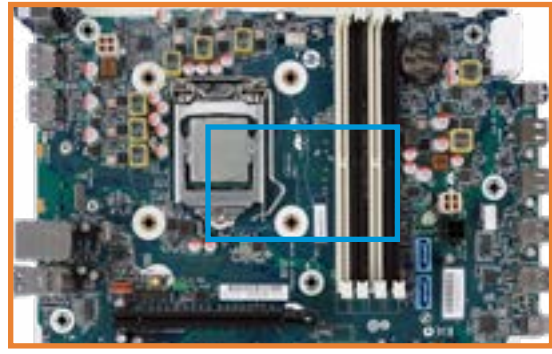
4 X View



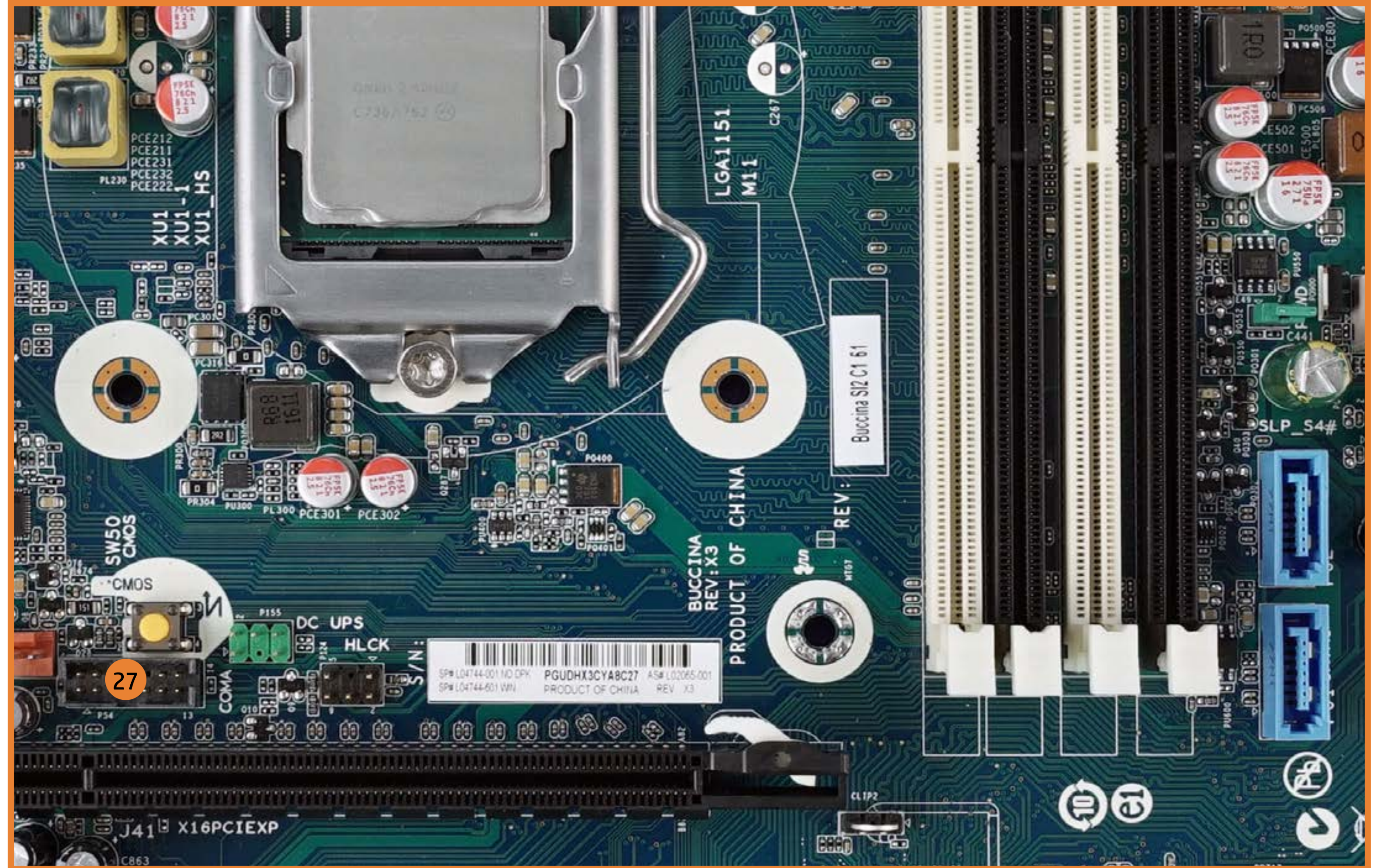
1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)



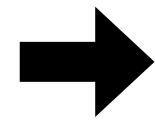
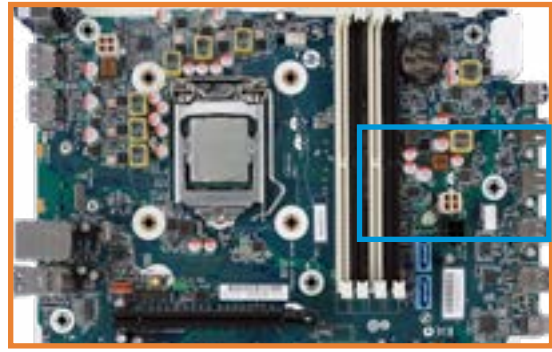
4 X View



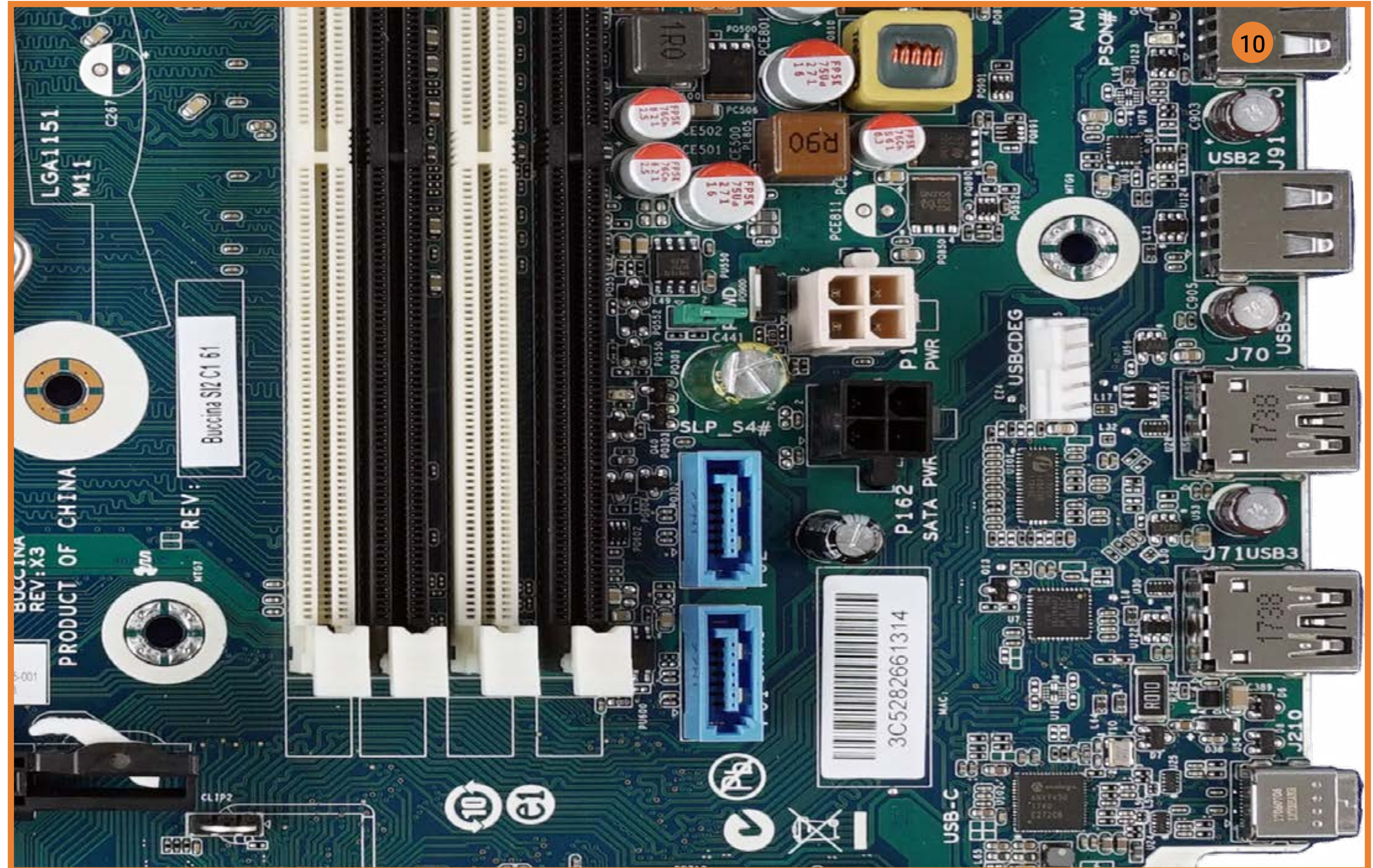
1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)



4 X View

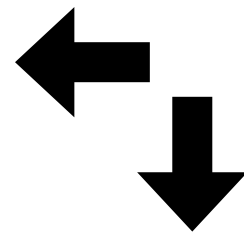


1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)



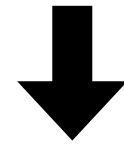
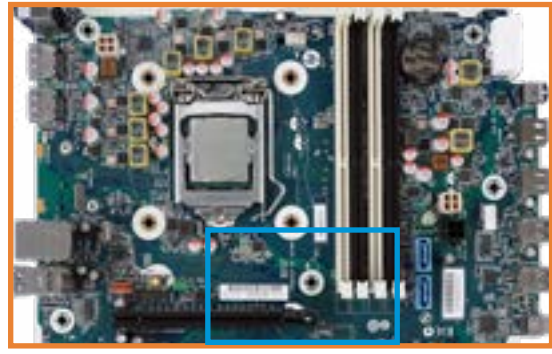
The image shows a green printed circuit board (PCB) for a laptop, densely packed with electronic components. Key features include:

- Connectors:** USB, PS2, COMA, and various PCI Express slots (X16, X1, X4).
- Chips:** Nuvoton (N741E042), BIOS, and DC UPS HLCK.
- Capacitors:** Several electrolytic capacitors are visible, labeled with values like 100, 10, and 1.
- Resistors:** Numerous small surface-mount resistors are scattered across the board.
- Labels:** Various labels are present, including 'S/N: PGUDHX3CYA8C27', 'PRODUCT OF CHINA', and 'REV: 1.0'.

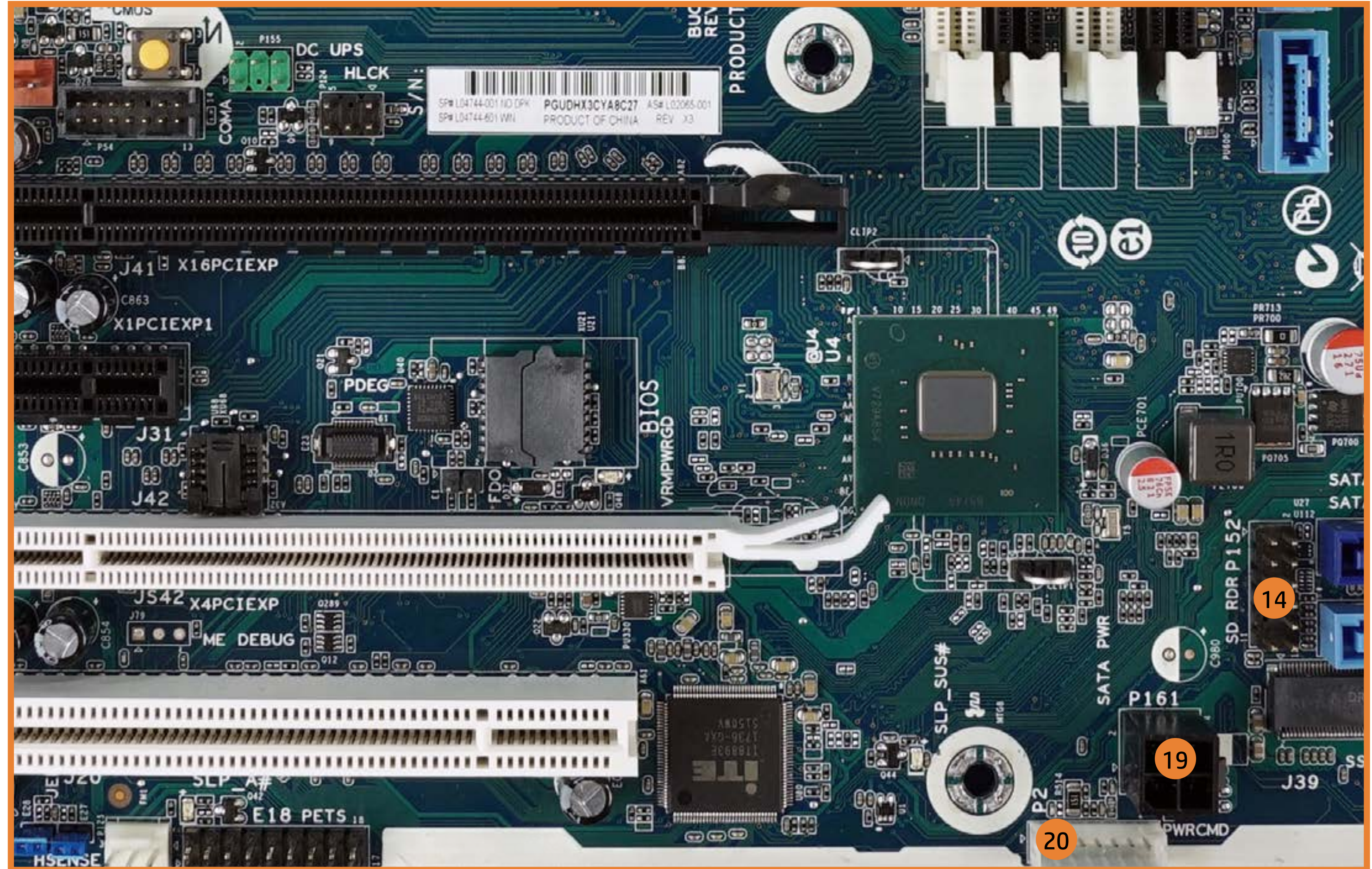


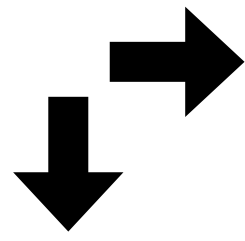
1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)

4 X View



1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. USB 3.0 ports (2)
13. USB Type-C port
14. SD reader
15. SATA connectors (2)
16. Speaker connector
17. M.2 WLAN socket
18. M.2 SSD socket
19. 4-pin SATA power
20. Power supply control
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)





1. CPU power
2. CPU socket
3. CPU Fan Connector
4. 4 DDR4 DIMM sockets
5. RTC battery
6. Power LED
7. Power button
8. HDD LED
9. Headset jack
10. USB charger port
11. USB 2.0 port
12. **USB 3.0 ports (2)**
13. **USB Type-C port**
14. **SD reader**
15. **SATA connectors (2)**
16. **Speaker connector**
17. **M.2 WLAN socket**
18. **M.2 SSD socket**
19. **4-pin SATA power**
20. **Power supply control**
21. PCI Express x16 slot
22. PS2/COM A header
23. PCI Express x2 slot
24. PCI Express x16 slot
25. USB 2.0 ports (6)
26. Ethernet port
27. Com A header
28. Display Ports (2)
29. Audio in/out jacks (2)

