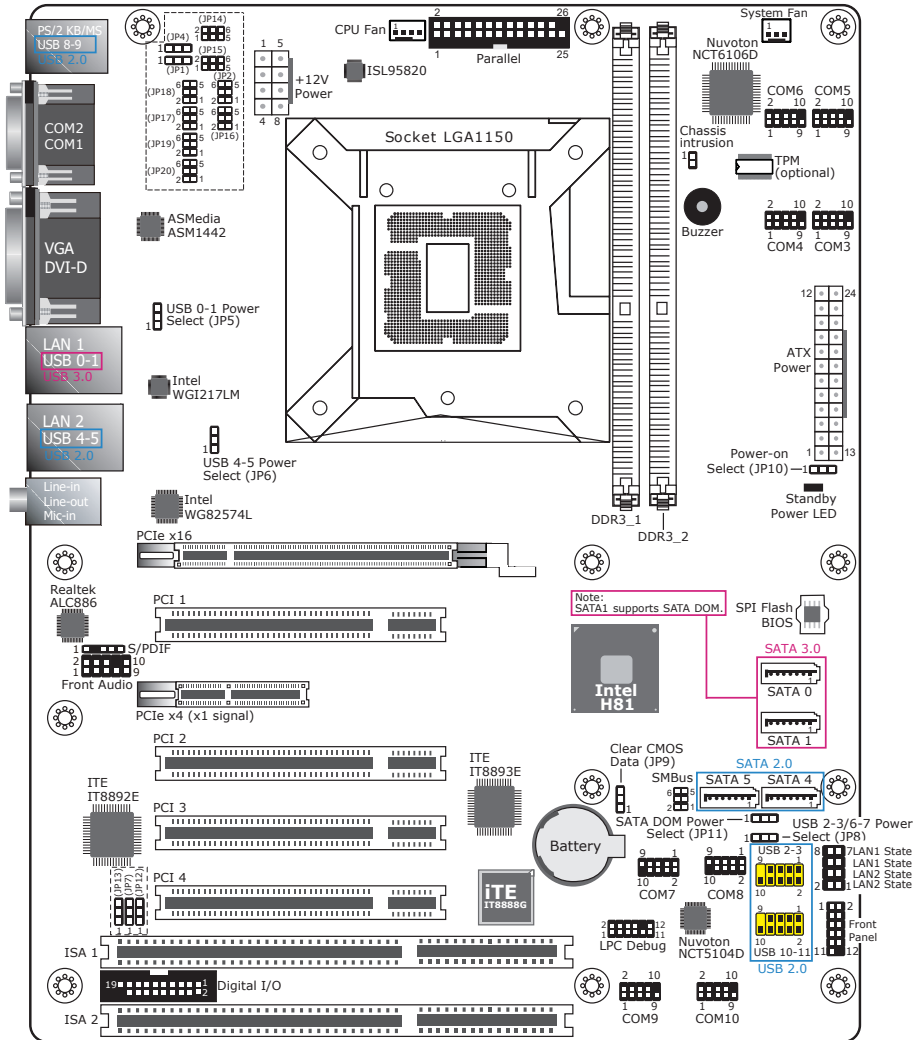


Board Layout



**Note:**

1. SATA1 supports SATA DOM.
2. When COM 1 RS232/422/485 is selected, JP17 and JP18 must be set in accordance to JP2.
3. When COM 2 RS232/422/485 is selected, JP19 and JP20 must be set in accordance to JP16.
4. HD620-H81B has LAN1 only.
5. HD620-H81X: 10 COM (COM1 to COM10). HD620-H81B/D: 2 COM (COM1 and COM2).

Jumper Settings

Digital I/O Power Select	JP13
+5V_standby (default)	1-2 On
+5V	2-3 On

Digital I/O Output State	DIO 3/5/7/9 (JP12) DIO 11/13/15/17 (JP7)
+5V or +5V_standby (default)	1-2 On
GND	2-3 On

Serial Mode Select	COM 1 (JP2) COM 2 (JP16)	COM 1 (JP17) COM 2 (JP19)	COM 1 (JP18) COM 2 (JP20)
RS232 (default)	1-2 On	1-3, 2-4 On	1-3, 2-4 On
RS422 Full Duplex	3-4 On	3-5, 4-6 On	3-5, 4-6 On
RS485	5-6 On	3-5, 4-6 On	3-5, 4-6 On

RS232 Power Select	COM 1 (JP14), COM 2 (JP15)
RS232 (default)	1-3 On (RI), 2-4 On (DCD)
RS232 with power	3-5 On (+5V), 4-6 On (+12V)

USB Power Select	USB 0-1 (JP5), 2-3/6-7 (JP8), 4-5 (JP6), 8-9 (JP4)
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+5V (default)	1-2 On
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+5V_standby	2-3 On
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Clear CMOS Data	JP9
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Normal (default)	1-2 On
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Clear CMOS Data	2-3 On
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Auto Power-on Select	JP10
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Power-on via power button (default)	1-2 On
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Power-on via AC power and WOL after G3	2-3 On
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SATA DOM Power Select	JP11
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+GND (default)	1-2 On
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+5V	2-3 On
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PS/2 Keyboard/Mouse Power Select	JP1
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+5V (default)	1-2 On
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+5V_standby	2-3 On
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Battery Usage

The lithium ion battery powers the real-time clock and CMOS memory. It is an auxiliary source of power when the main power is shut off.

Safety Measures

- Danger of explosion if battery incorrectly replaced.
- Replace only with the same or equivalent type recommend by the manufacturer.
- Dispose of used batteries according to local ordinance.



DFI reserves the right to change the specifications at any time prior to the product's release. This QR may be based on editions that do not resemble your actual products. For more documentation and drivers, please visit the download page at go.dfi.com/HD620-H81, or via the QR code to the right.

