

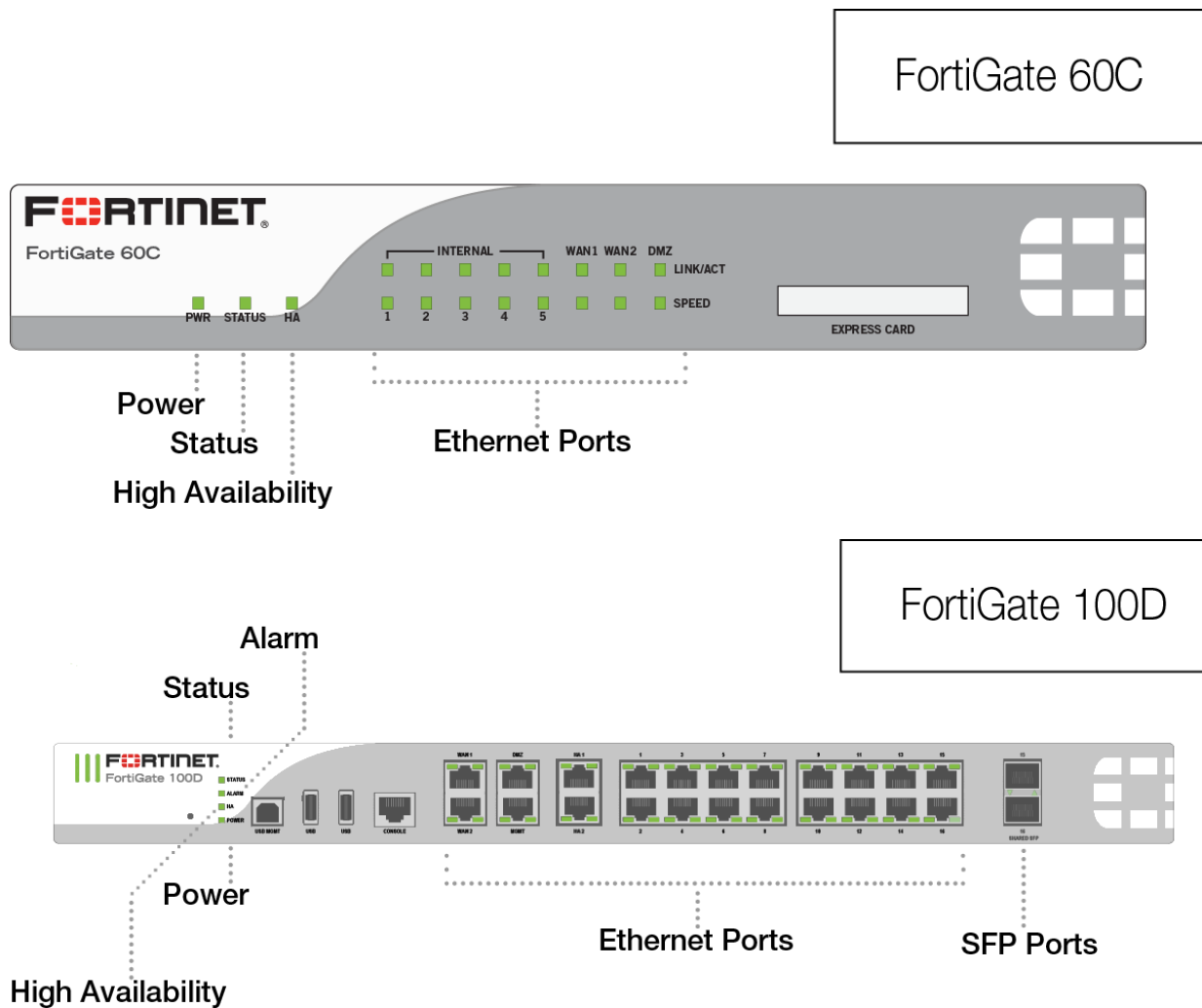
## FortiGate LED Specifications

This is a guide to FortiGate LED status indicators.

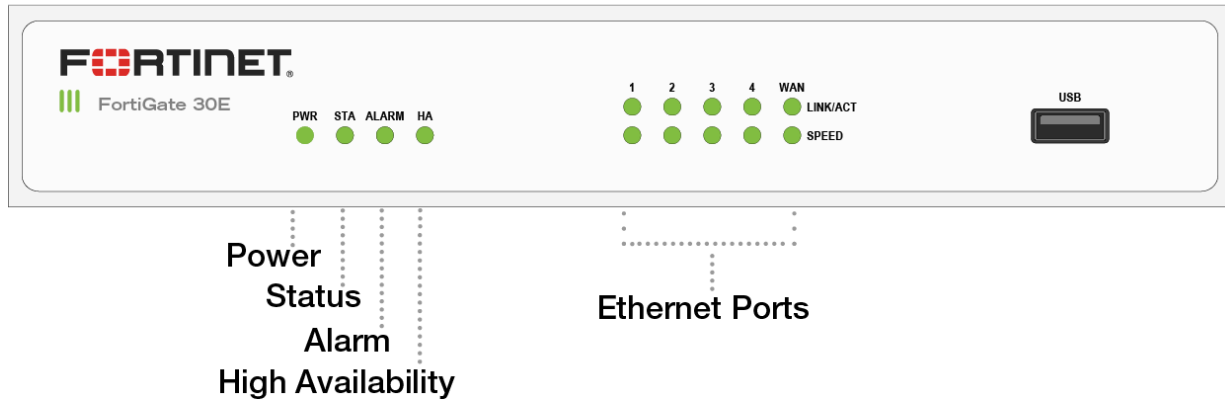
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### Sample FortiGate Faceplates

The faceplates indicate where the LEDs are typically found on desktop and mid-range FortiGate models.



FortiGate 30E



## LED Status Codes

LABEL	STATE	MEANING
PWR	Green	Power is On.
	Off	Power is Off.
STA	Green	Normal status.
	Flashing Green	Booting Up. If the FortiGate has a reset button, Flashing Green also means that the reset button was used.
	Red	The FortiGate has a critical alarm (see <a href="#">About Alarm Levels</a> ).
ALARM	Off	No alarms or the FortiGate has a minor alarm.
	Amber	The FortiGate has a major alarm.
	Red	The FortiGate has a critical alarm. The status LED will also be red.
		More information at <a href="#">About Alarm Levels</a> .

LABEL	STATE	MEANING
HA	Green	FortiGate is operating in an FGCP HA cluster.
	Red	A failover has occurred.
	Off	HA not configured.
		Failover operation feature not available in all units.
WIFI	Green	Wireless port is active.
	Flashing Green	Wireless interface is transmitting and receiving data.
	Off	Wireless interface is down.

## About Alarm Levels

Minor, major, and critical alarms are defined based on IPMI, ATCA, and Telco standards for naming alarms.

- A minor alarm (also called an IPMI non-critical (NC) alarm) indicates a temperature or a power level outside of the normal operating range that is not considered a problem. In the case of a minor temperature alarm, the system could respond by increasing fan speed. A non-critical threshold can be an upper non-critical (UNC) threshold (for example, a high temperature or a high power level) or a lower non-critical (UNC) threshold (for example, a low power level). The LEDs do not indicate minor alarms since user intervention is not required.
- A major alarm (also called an IPMI critical or critical recoverable (CR) alarm) indicates that the system itself cannot correct the cause for the alarm and that intervention is required. For example, the cooling system cannot provide enough cooling to reduce the temperature. It could also mean that conditions (temperature, for example) are approaching the outside limit of the allowed operating range. A critical threshold can also be an upper critical (UC) threshold (for example, a high temperature or a high power level) or a lower critical (LC) threshold (for example, a low power level).
- A critical alarm (also called an IPMI non-recoverable (NR) alarm) indicates detection of a temperature or power level that is outside of the allowed operating range and could potentially cause physical damage.

## LED Status Codes for Ports

TYPE OF PORT	STATE	MEANING
Ethernet Ports Link / Activity	Green	Connected.
	Flashing Green	Transmitting and receiving data.
	Off	No link established.
Ethernet Ports Speed	Green	Connected at 1Gbps.
	Amber	Connected at 100Mbps.
	Off	Not connected or connected at 10Mbps.
SFP Ports	Green	Connected.
	Flashing Green	Transmitting and receiving data.
	Off	No link established.

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