

Supported operating systems for the Carbon Black Cloud sensor

For a complete list of supported operating systems, see [Carbon Black Cloud sensor support](#).

Supported browsers for the Carbon Black Cloud console

- Windows: Firefox, Chrome, and Edge
- macOS: Safari, Firefox, and Chrome

Ports and URLs

For a complete list of ports and URLs that must be opened on the firewall and proxy servers, see [CB Defense: What Ports must be opened on the Firewall and Proxy Servers?](#)

Local scanning feature for Windows

The Windows sensor includes an optional local scanning feature that enables static file analysis of applications before they are executed. This feature requires an additional 600MB of disk storage to store signature information and allow for signature updates.

Scanner Definition host and ports

Requirement	Details	Notes
Carbon Black Definition Server http://updates.cdc.carbonblack.io/update Uses HTTP Port 80	This connection is used to update local scanner definition files. This is only required if local scanning is enabled for the sensor.	This can be configured to update from a locally hosted server. If you mirror the definition server to an internal server, you can use port 80 or other HTTP port.

Local Scan Settings are not supported by macOS or Linux sensors.

For large enterprises, we recommend the following best practices:

- Perform an initial installation of AV Signature Pack together with the sensor.
- Roll out the initial AV Signature Pack download in small batches to avoid network saturation.
- Mirror signature updates on a local server. See the [Carbon Black Cloud Sensor Installation Guide](#).

Sensor resource utilization

Endpoints must be in compliance with all hardware requirements for the host operating system. Consider all processes that run on the endpoints when determining your hardware configuration. We recommend a multi-core CPU for all installations.

The following metrics represent system requirements against a minimum environment, which is defined in the context as a user level system (such as an inactive laptop).

Windows sensors

Metric	Endpoint Standard	Endpoint Standard + Audit & Remediation	Endpoint Standard + Enterprise EDR	Endpoint Standard + Enterprise EDR + Audit & Remediation
CPU	Minimum: 1.5 GHz Recommended: 2 GHz	Minimum: 1.8 GHz Recommended: 2 GHz	Minimum: 1.8 GHz Recommended: 2 GHz	Minimum: 1.8 GHz Recommended: 2 GHz
Memory	1 GB 2 GB for Windows 10/2016+	1 GB 2 GB for Windows 10/2016+	1 GB 2 GB for Windows 10/2016+	1 GB 2 GB for Windows 10/2016+
Cores	2	2	2	2
Network required	Minimum: 100 Mbit Recommended: 1 Gbit	Minimum: 100 Mbit Recommended: 1 Gbit	Minimum: 100 Mbit Recommended: 1 Gbit	Minimum: 100 Mbit Recommended: 1 Gbit

Minimum network during light usage	1k bytes/sec read/writes each	1k bytes/sec read/writes each	1k bytes/sec read/writes each	1k bytes/sec read/writes each
*Free disk space	Minimum: 200 MB Recommended: 1 GB	Minimum: 200 MB Recommended: 1 GB	Minimum: 200 MB Recommended: 1 GB	Minimum: 200 MB Recommended: 1 GB

*See the previous section about additional disk requirements if you are enabling local scan.

macOS sensors

Metric	Endpoint Standard	Endpoint Standard + Audit & Remediation
CPU	Any supported x86-64	Any supported x86-64
Memory	1 GB	1 GB
Cores	1	1
Network required	Minimum: 100 Mbit Recommended: 1 Gbit	Minimum: 100 Mbit Recommended: 1 Gbit
Minimum network during light usage	1k bytes/sec read/writes each	1k bytes/sec read/writes each
Free disk space	Minimum: 100 MB Recommended: 500 MB	Minimum: 100 MB Recommended: 500 MB

Linux sensors

Metric	Endpoint Standard	Endpoint Standard + Enterprise EDR	Endpoint Standard + Enterprise EDR + Audit & Remediation
CPU	Any 64-bit x86-64 chipset No speed required	Any 64-bit x86-64 chipset No speed required	Any 64-bit x86-64 chipset No speed required
Memory	100 MB	250 MB	250 MB

Cores	2	2	2
Network Required	Minimum: 100 Mbit Recommended: 1 Gbit	Minimum: 100 Mbit Recommended: 1 Gbit	Minimum: 100 Mbit Recommended: 1 Gbit
Minimum network during light usage	1k bytes/sec read/writes each	1k bytes/sec read/writes each	1k bytes/sec read/writes each
Free disk space	/opt: 100 MB /var: 1600 MB	/opt: 100 MB /var: 2600 MB	/opt: 100 MB /var: 3200 MB