



Software Specifications

HanPHI Client

Minimum Hardware Specifications

- Processor: Intel Core i5 Processor
- RAM: 8 GB, HDD: 500 GB
- Network: 1 Gbps LAN
- Graphics Card: 256 MB RAM
- Monitor: 1920 x 1080 resolution

Minimum Software Specifications

- Operating System: Windows 7
- .Net Framework 4.5.1
- Microsoft Visual C++ 2013 Redistributable (x86) – 12.0.30501
- Microsoft Visual C++ 2013 Redistributable (x64) – 12.0.30501

HanPHI Server

Minimum Hardware Specifications

Tag Count	Hardware Specs	Operating System
~ 1,000	<ul style="list-style-type: none"> • Processor: Intel i7 Processor, 3.2 GHz (Hex Cores) • RAM: 8 GB • HDD: 1 TB HDD (SSD Preferable) • Recommended: Workstation grade computer like HP EliteDesk Series OR <u>Dell OptiPlex 7070 Series</u> 	Windows 10 Professional, 64 bits
~ 2,000	<ul style="list-style-type: none"> • Processor: Intel Xeon E Processor, 3.2 GHz (Quad Cores) • RAM: 16 GB • HDD: 1 TB HDD (SSD Preferable) • Recommended: Workstation grade computer like HP G4 Series or Dell Precision 34xx Series 	Windows 10 Professional, 64 bits
~ 5,000	<ul style="list-style-type: none"> • Processor: Intel Xeon Processor, 3.8 GHz (8 Cores) • RAM: 16 GB • HDD: 1 TB, (10K RPM SCSI type) or SSD • Recommended: Server-grade computer like HP (DL380 Gen9 onwards) or Dell (PowerEdge R740xd) 	Windows Server 2008 R2, 64 bits (Recommend Server 2019, 64 bits)
~ 10,000	<ul style="list-style-type: none"> • Same as above for 5000 tags (except below) • RAM: 32 GB, HDD: 2 TB, (10K RPM SCSI type) or SSD 	Windows Server 2008 R2, 64 bits (Recommend Server 2019, 64 bits)

- Network: 1 Gbps LAN
- **Note:** If customer plans to expand HanPHI tag count, we recommend purchasing hardware based on the larger tag amount plan.

Minimum Software Specifications

- Operating System: As mentioned in above table
 - .Net Framework 4.5.1
 - Microsoft Visual C++ 2013 Redistributable (x86) – 12.0.30501
 - Microsoft Visual C++ 2013 Redistributable (x64) – 12.0.30501
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HanPHI Insight Client

Minimum Hardware Specifications

- Any computer or tablet with a screen resolution of 1024 x 768

Minimum Software Specifications

- Web Browsers: Google Chrome, Microsoft Edge, Mozilla Firefox, and Opera web browsers

HanPHI Insight Server (HanPHI Web)

Minimum Hardware Specifications

- Server: Processor: Intel Xeon E Processor, 3.2 GHz (Octa Cores)
- RAM: 16 GB
- HDD: 500 GB HDD (SSD Preferable)
- Network: 1GBPS LAN
- Monitor: 1920 x 1080 resolution
- Recommended: Workstation grade computer like HP G4 Series

Minimum Software Specifications

- Operating System: Windows Server 2012 Standard Edition
- .Net Framework 4.5.1
- Microsoft Visual C++ 2013 Redistributable (x86) – 12.0.30501
- Microsoft Visual C++ 2013 Redistributable (x64) – 12.0.30501