

# JBC512F3EG Series

**POE Fanless Embedded Barebone / 4300U  
2 GbE LAN + 4 GbE POE Ports (25W)**



## Features

- Fanless Embedded Barebone System with Planned Lifecycle Through Q2'2020
- Network Video Recorder (NVR) and Digital Security
- Intel Core i5-4300U, 1.9GHz, Dual-Core, vPro, iAMT
- Supports DDR3L-1600 up to 16GB Memory Total
- 1 \* 2.5" SATA3 6Gb/s Internal Drive Bay, mSATA
- 2 \* Intel Gigabit LAN, 4 \* USB 2.0, 4 \* USB 3.0
- 4 \* Gigabit LAN with Power Over Ethernet (POE)
- Conforms to IEEE802.3, IEEE 802.3u, IEEE802.3af, IEEE802.3at, up to 25W per Port, Unmanaged
- 2 \* HDMI Ports supporting 4K
- Mini-PCIE Slot or Wireless N (Optional)
- Watchdog Timer, Includes Wall & DIN Rail Mounts
- AC Terminal Block (Phoenix Contact)

<b>Model</b>	<ul style="list-style-type: none"> <li>■ JBC512F3EG</li> </ul>
<b>Part No</b>	<ul style="list-style-type: none"> <li>■ HBJC512F3EG-4300-B (non-WIFI)</li> <li>■ HBJC512F3EGW-4300-B (WIFI)</li> <li>■ (OEM Model with i5-5200U PLEASE CALL)</li> </ul>
<b>Processor</b>	<ul style="list-style-type: none"> <li>■ Intel Core i5-4300U, 1.90GHz Dual-Core SoC, 15W, Haswell-U, vPro, iAMT</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>■ Supports 2 * DDR3L-1600 SODIMM memory up to 16GB total</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>■ 1 * 2.5" SATA3 6Gb/s internal drive bay, mSATA/Mini-PCIE shared slot</li> <li>■ Non-WIFI Model: 1 * Half-size Mini-PCIE slot (open)</li> <li>■ WIFI Model: Includes 802.11 b/g/n + Bluetooth 4.0</li> </ul>
<b>Network</b>	<ul style="list-style-type: none"> <li>■ 2 * Intel Gigabit LAN (1 * i211-AT + 1 * i218-LM support vPro &amp; iAMT)</li> <li>■ 4 * Gigabit LAN with POE, up to 25W per port, Conforms to IEEE802.3, IEEE 802.3u, IEEE802.3af, IEEE802.3at, IEEE802.3x Flow control, unmanaged</li> </ul>
<b>Other Features</b>	<ul style="list-style-type: none"> <li>■ HD Audio, AHCI, Watchdog Timer 10-255 min/sec.</li> </ul>
<b>Rear Panel I/O</b>	<ul style="list-style-type: none"> <li>■ 4, * USB 3.0 port, 2 * USB 2.0 ports</li> <li>■ 2 * HDMI (supports 4K)</li> <li>■ 6 * RJ45</li> <li>■ Line-out</li> <li>■ 2 * Antenna holes</li> </ul>
<b>Front Panel I/O</b>	<ul style="list-style-type: none"> <li>■ AC on/off, Power button, Power/HDD LED</li> <li>■ 2 * USB 2.0 ports</li> <li>■ AC-in (90-240V, Phoenix Contact Terminal Block)</li> </ul>

<b>BIOS</b>	<ul style="list-style-type: none"> <li>■ AMI UEFI Flash ROM</li> </ul>
<b>Box Contents</b>	<ul style="list-style-type: none"> <li>■ Manual, DVD Driver disk</li> <li>■ Wall + DIN Rail mounting brackets</li> <li>■ DIN Rail Clips</li> <li>■ Port dust covers</li> <li>■ (Antennas on WIFI model)</li> </ul>
<b>Compliance</b>	<ul style="list-style-type: none"> <li>■ CE, FCC, RoHS, ErP Ready</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>■ Operating Temperature 0~40 ° C, Storage Temperature -20-85 ° C</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>■ 264 x 199.4 x 38mm (DxWxH)</li> </ul>
<b>OS Support</b>	<ul style="list-style-type: none"> <li>■ 32/64 bit versions of Win 7, Win 8.1, Win 10, Linux</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>■ 2 Years limited warranty</li> </ul>

\*Specifications subject to change without notice, not responsible for typographical errors. Does not include Memory, Storage or OS.



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