Expandable
Fanless Embedded System

JBC390F541S series

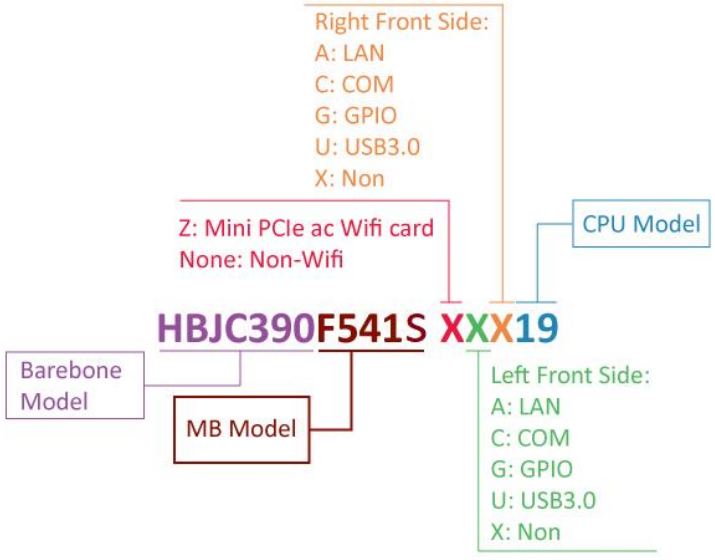
Modular Fanless Barebone – Configurable Modules for LAN, COM, GPIO & USB



Base Specifications:

1. Fanless Intel® Bay Trail J1900 Embedded Processor, Up to 8GB Memory
2. 3 * USB 2.0, 1 * USB 3.0, 1 * COM, 1 * VGA, 1 * HDMI, 2 * RJ45, 1 * MIC, 1 * Line out, 1 * DC-in
3. Supports mSATA + 2.5” SATA drive bay, Mini-PCIE slot with SIM card Slot for Cellular
4. Product Dimension: 185 x 165 x 48 mm
5. 2 * Front GEN3 Module Slots

Part Number Rule



Specifications

BIOS	AMI EFI Flash ROM
CPU/Chipset	Fanless Intel® Bay Trail J1900 SoC Processor
Memory	1 * SO-DIMM DDR3L-1333/1600 1.35V up to 8GB max
Storage	● 1 * 2.5” SATA drive bay (height ≤ 10mm) ● 1 * Full-size mSATA/Mini-PCI Express shared slot
Network	● 2 * Intel i211-AT Gigabit LAN
Expansion	● 1 * Full-size Mini PCIe slot with SIM card Slot
Rear Panel I/O	● 1 * USB 3.0, 3 * USB 2.0 ● 1 * HDMI (Max. Resolution: 1920×1200@60Hz) ● 1 * VGA (Max. Resolution: 1920×1200@60Hz) ● 2 * RJ45 ● 1* Line-out, 1* MIC ● 1 * Serial (RS232/422/485) ● 2 * Antenna holes ● Lockable DC-in jack
Front Panel I/O	● Power button + LEDs ● Two Module Slots supporting the following modules: ● COM (Expansion Module, support RS232/422/485) ● Intel Gigabit LAN (Expansion Module) ● USB 3.0 (Expansion Module) ● 16-Bits GPIO (Expansion Module)
Power Source	● DC 12V / 5A_60W Adapter ● AC 90~240V input
Compliance	CE, FCC, RoHS, ErP Ready
Temperature	● Operating Temperature: 0 ~ 50°C ● Storage Temperature: -10 ~ 70°C
Dimensions	185 (W) x 165 (D) x 48 (H) mm
Packing	● Net Weight: 2.4KG, Gross Weight: 3.4KG ● Includes Wall/Din Mount brackets ● Color Box dimension: 250 (W) * 118 (D) * 295 (H) mm
OS Support	Windows 7, Windows 8.1, Windows 10, Linux
Warranty	2 Years Limited Warranty
Applications	● Industrial Control System ● Networking Appliance System

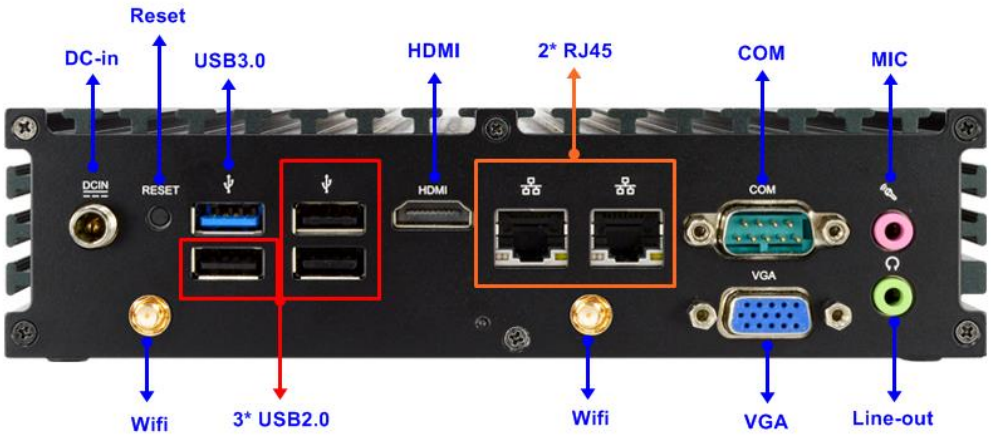
*Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

Model Number	Front Picture
● 2-Empty Module Bays ● 2-LAN, 1-COM, 1-USB3.0 ● HBJC390F541SXX19 ● HBJC390F541SZXX19 (AC WIFI)	
● 1-Empty Module Bay ● 6-LAN, 1-COM, 1-USB3.0 ● HBJC390F541SXA19 ● HBJC390F541SZXA19 (AC WIFI)	
● 1-Empty Module Bay ● 2-LAN, 5-COM, 1-USB3.0 ● HBJC390F541SCX19 ● HBJC390F541SZCX19 (AC WIFI)	
● 1-Empty Module Bay ● 2-LAN, 1-COM, 5-USB3.0 ● HBJC390F541SXU19 ● HBJC390F541SZXU19 (AC WIFI)	
● 1-Empty Module Bay ● 2-LAN, 1-COM, 1-USB3.0, 16bit GPIO ● HBJC390F541SXG19 ● HBJC390F541SZXG19 (AC WIFI)	
● 6-LAN, 5-COM, 1-USB3.0 ● HBJC390F541SCA19 ● HBJC390F541SZCA19 (AC WIFI)	
● 2-LAN, 5-COM, 5-USB3.0 ● HBJC390F541SCU19 ● HBJC390F541SZCU19 (AC WIFI)	
● 2-LAN, 5-COM, 1-USB3.0, 16bit GPIO ● HBJC390F541SCG19 ● HBJC390F541SZCG19 (AC WIFI)	
● 10-LAN, 1-COM, 1-USB3.0 ● HBJC390F541SAA19 ● HBJC390F541SZAA19 (AC WIFI)	

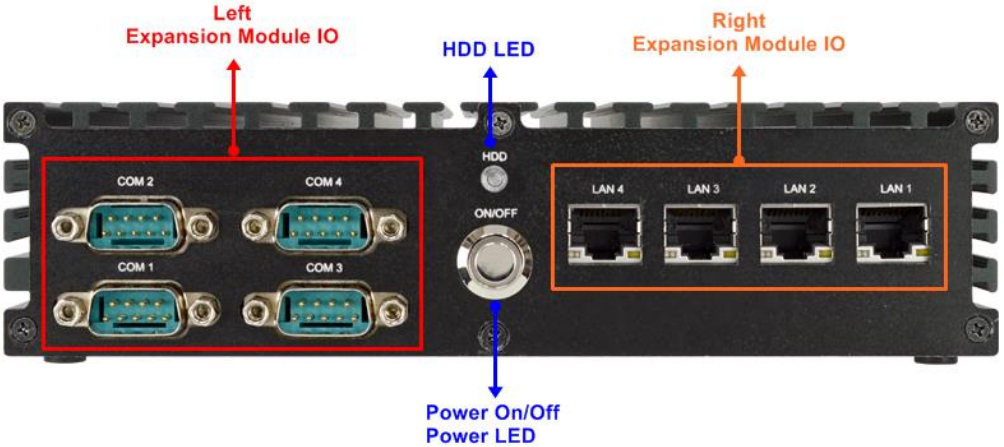
• 2-LAN, 9-COM, 1-USB3.0 • HBJC390F541SCC19 • HBJC390F541SZCC19 (AC WIFI)	
• 6-LAN, 1-COM, 5-USB3.0 • HBJC390F541SAU19 • HBJC390F541SZAU19 (AC WIFI)	
• 6-LAN, 1-COM, 1-USB3.0, 16bit GPIO • HBJC390F541SAG19 • HBJC390F541SZAG19 (AC WIFI)	
• 2-LAN, 1-COM, 1-USB3.0, 32bit GPIO • HBJC390F541SGG19 • HBJC390F541SZGG19 (AC WIFI)	
• 2-LAN, 1-COM, 5-USB3.0, 16bit GPIO • HBJC390F541SGU19 • HBJC390F541SZGU19 (AC WIFI)	

External I/O

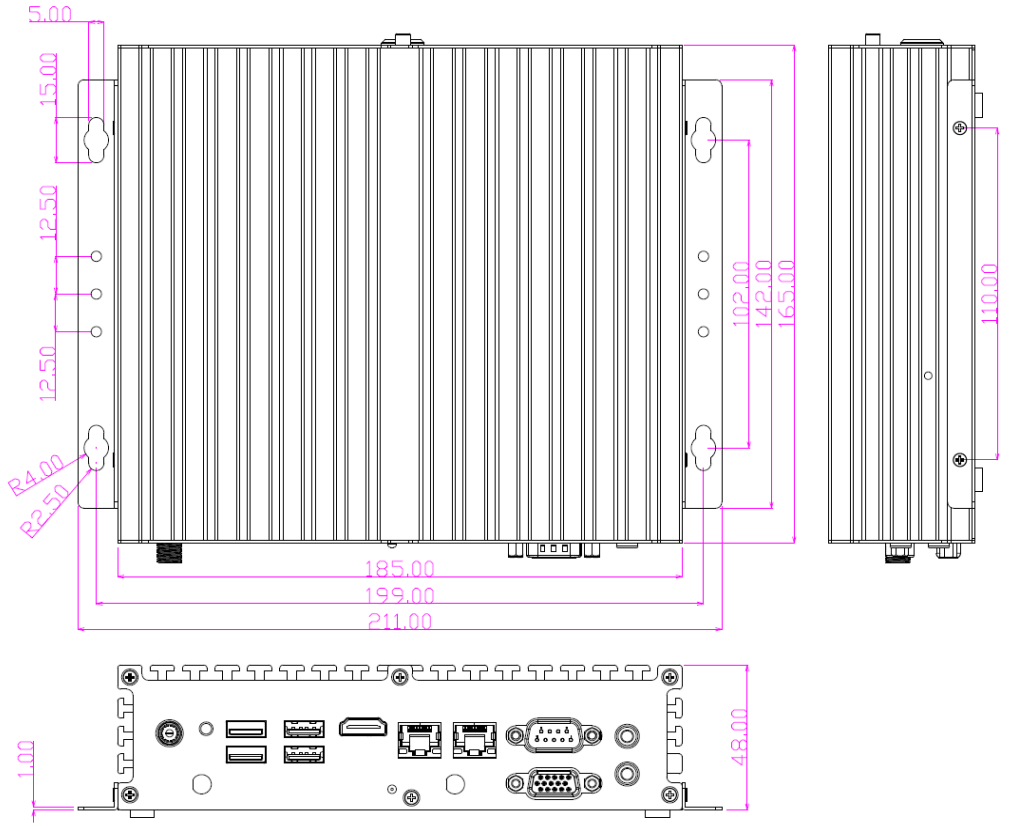
Rear



Front



Mechanical Drawings (Unit = mm)



Accessories

Parts Number	Description
----------	HBJC390F541S Series
L01AS052-F	Lockable Adapter 12V_60W
HCS370MWM01B-2-F	JC37X Wall mount bracket / Black color
LCSCHBJC3XX-F	Screw pack
HNSCOMWFAWCB161HF	Mini PCIe AC Wifi card
J05-ANT-GX57245-F	Antenna 2G4/5G 2.8dB

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