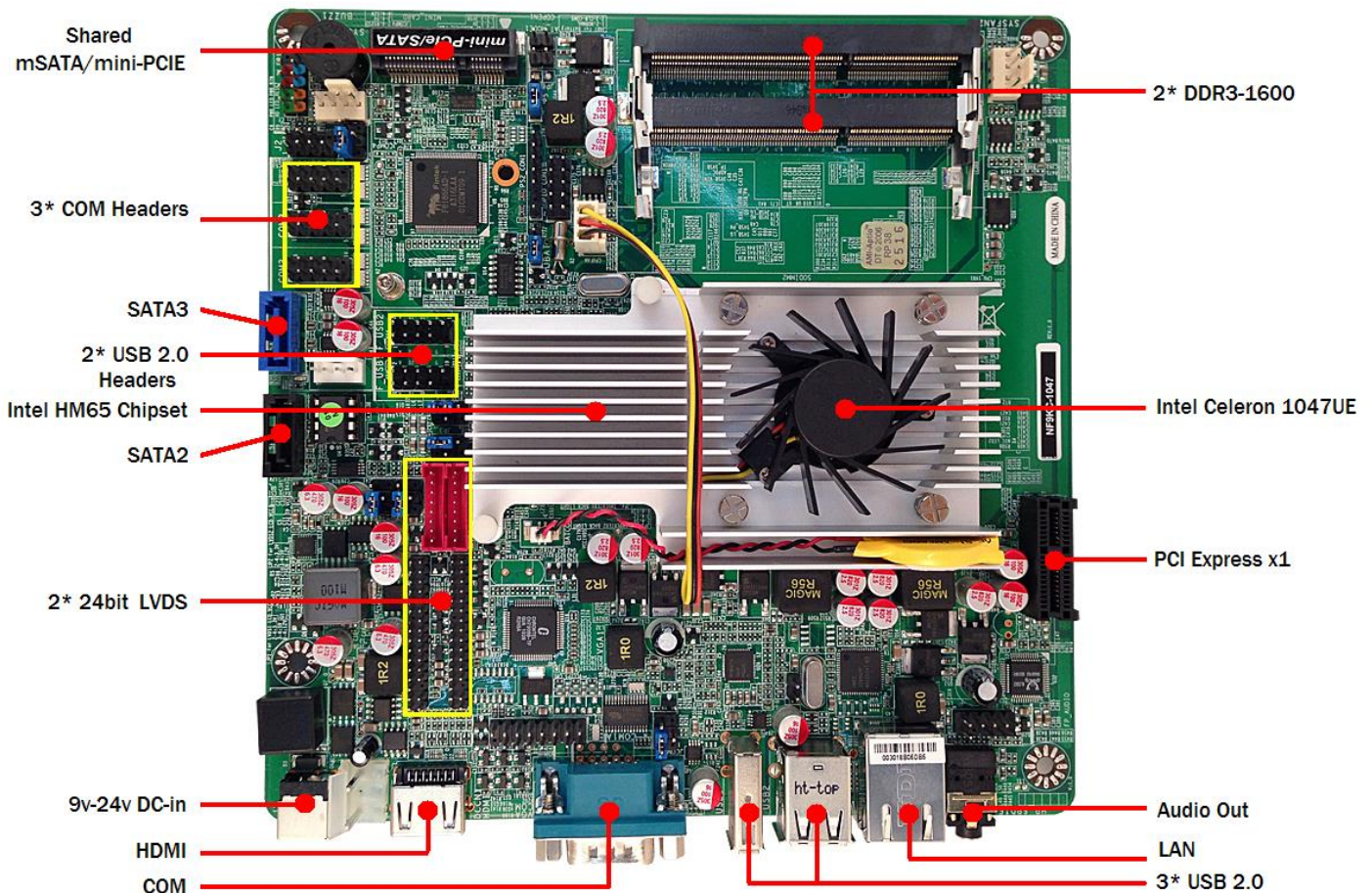
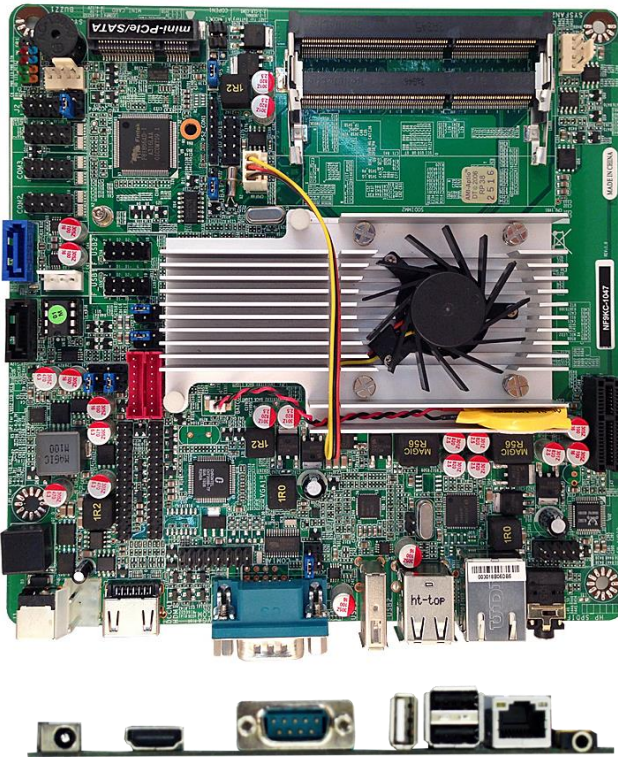


# NF9KC-1047

Thin Mini-ITX Industrial Motherboard / PCIE x16  
Celeron 1047UE / HDMI / 2 LVDS / 9V-24V DC

## Features

1. Long-Life Embedded Class Industrial Motherboard with Planned Lifecycle Through Q1'2018
2. Ideal for Kiosk, Digital Signage, Panel PC, All-in-One AIO, Casino Gaming, POS
3. Intel Celeron 1047UE Processor, 1.4GHz, Dual-Core, 17W, 22nm, Ivy Bridge Class, Intel HM65 Express Chipset
4. HDMI, VGA Header, 2 \* 24bit Dual Channel LVDS
5. Supports DDR3-1600 SODIMM up to 16GB Total
6. 1 \* SATA3 6Gb/s Port, 1 \* SATA2 3Gb/s Port
7. 1 \* mSATA/PCI Express Mini Card Combo Slot
8. Intel Gigabit LAN, HD Audio, PCI Express 2.0 x16
9. 4 \* Serial Ports (1 External), 8-bit GPIO, Watchdog Timer
10. Supports Windows 8, Windows 7, Windows XP, Linux
11. Built-in Wide Range +9V - 24V DC Power
12. Thin Mini-ITX Form Factor (170mm x 170mm)



<b>Model / Series</b>	■ NF9KC
<b>Part No</b>	■ JNF9KC-1047
<b>Processor</b>	■ Intel Celeron-M 1047UE, 1.4GHz, Dual-Core, 17W, 22nm (Ivy Bridge)
<b>Chipset</b>	■ Intel HM65 Express Chipset
<b>Video</b>	■ Intel HD Graphics, 350 ~ 900MHz
<b>Memory</b>	■ 2 * 204-pin SO-DIMM slots supporting non-ECC DDR3-1600 up to 16GB total
<b>Expansion Slots</b>	■ 1 * PCI Express 2.0 x16 Slot
<b>Storage</b>	■ 1 * SATA3 6Gb/s port, 1 * SATA2 3Gb/s port ■ 1 * Shared mSATA/mini-PCI Express slot (Full-size)
<b>Audio</b>	■ Realtek ALC662 5.1 Channel HD Audio
<b>Network</b>	■ Intel i211AT Gigabit LAN
<b>Other Features</b>	■ Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec
<b>Rear Panel I/O</b>	■ 3 * USB 2.0 ports ■ 1 * RJ-45 ports ■ 1 * Serial port (RS232/422/485) ■ 1 * HDMI port ■ Audio Line Out ■ +9V ~ +24V DC-in jack
<b>Internal I/O</b>	■ 2 * USB Headers for 4 * USB 2.0 ports ■ CPU Fan connector, 2 * SYSFAN connectors ■ 1 * PS/2 Mouse/Keyboard header ■ 2 * 24bit Dual Channel LVDS headers ■ 1 * VGA header, 8-bit GPIO header, Chassis Intrusion header ■ 3 * Serial headers (2 * RS232, 1 * RS232/422/485) ■ 2-pin +9V ~ +24V Internal power connector
<b>BIOS</b>	■ AMI UEFI 32MB DIP Flash ROM
<b>Box Contents</b>	■ NF9KC Motherboard, SATA Cable, COM Cable, Manual, DVD Driver Disk, 2 * I/O Shields
<b>Certification</b>	■ CE, FCC, RoHS, ErP
<b>Temperature</b>	■ Operating Temperature 0~40 ° C, Storage Temperature -20-85 ° C
<b>Form Factor</b>	■ Thin Mini-ITX Form Factor (170mm x 170mm)
<b>Warranty</b>	■ 2 Years Limited Warranty

\*Specifications subject to change without notice, not responsible for typographical errors.



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