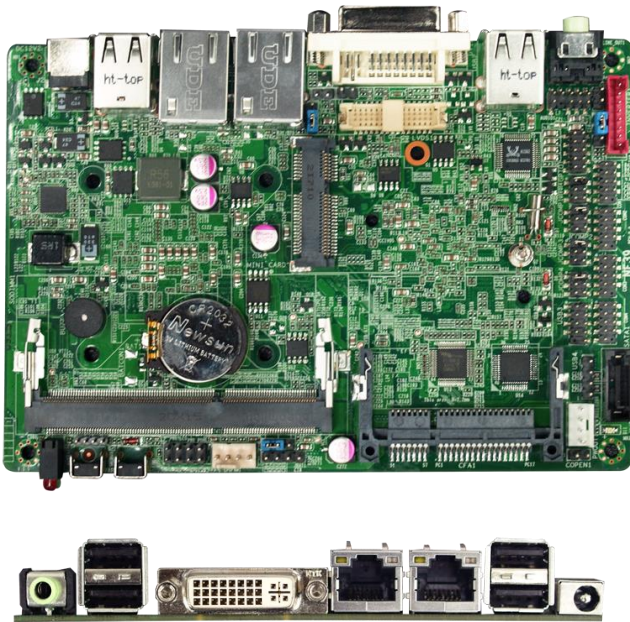


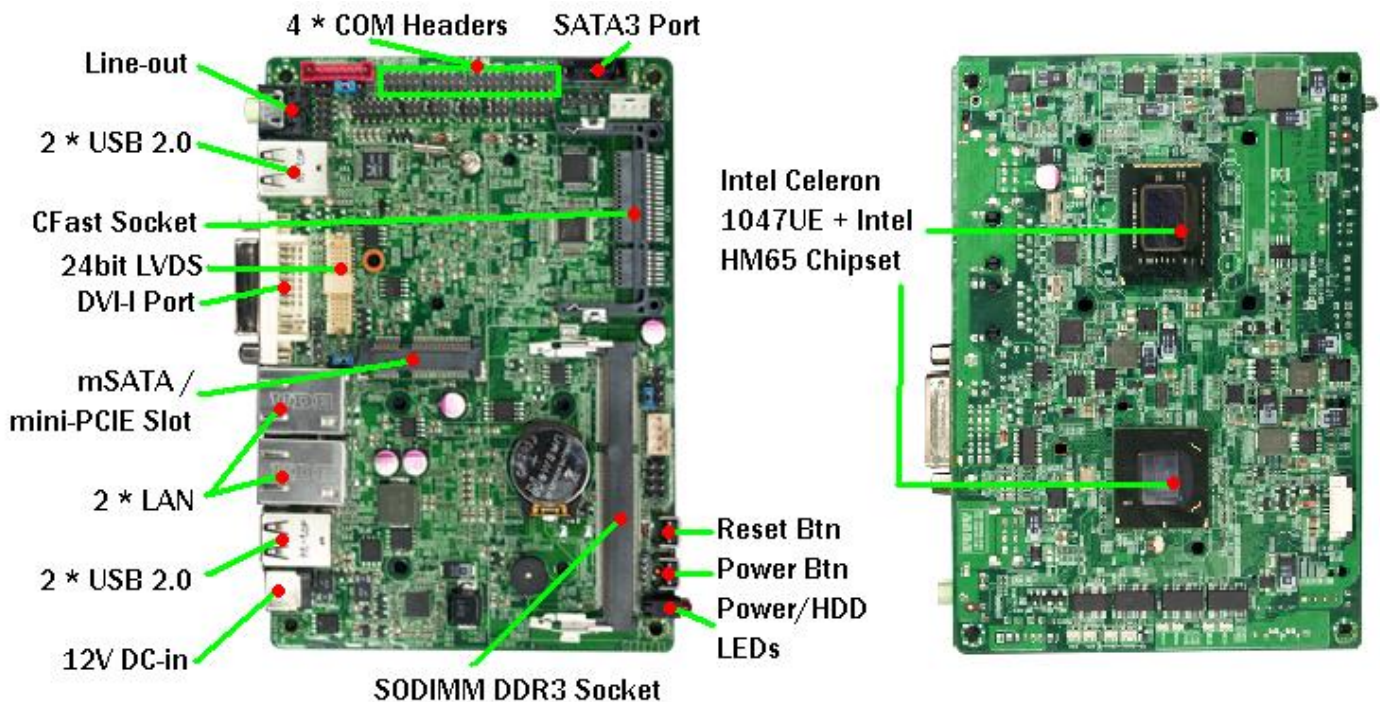
NF39-1047

3.5" SBC Industrial Motherboard for Fanless Applications / Celeron 1047UE / DVI-I / LVDS



Features

1. Long-Life Embedded Class Industrial Motherboard with Planned Lifecycle Through Q1'2018
2. CPU and Chipset Placed on Bottom of Motherboard for Easy Integration into Fanless System
3. Intel Celeron 1047UE Processor, 1.4GHz, Dual-Core, 17W, 22nm, Ivy Bridge Class, Intel HM65 Express Chipset
4. Supports DDR3-1600 SODIMM up to 8GB Total
5. Supports up to 2 Display, DVI-I, 24bit LVDS
6. DVI-to-VGA Adapter Included
7. 1 * SATA3 6Gb/s Port, 1 * CFast Socket
8. 1 * mSATA/PCI Express Mini Card Combo Slot
9. 2 * Realtek Gigabit LAN, HD Audio
10. 4 * Serial Ports (Headers), 8-bit GPIO, Watchdog Timer
11. Supports Windows 8, Windows 7, Windows XP, Linux
12. 3.5" SBC Form Factor (148mm x 102mm)



Mechanical Drawing and Power Consumption reports available upon request for help with customer design and integration into a fanless system.

Model / Series	■ NF39
Part No	■ JNF39-1047
Processor	■ Intel Celeron-M 1047UE, 1.4GHz, Dual-Core, 17W, 22nm (Ivy Bridge)
Chipset	■ Intel HM65 Express Chipset
Video	■ Intel HD Graphics, 350 – 900MHz
Memory	■ 1 * 204-pin SO-DIMM slots supporting non-ECC DDR3-1600 up to 8GB total
Expansion Slots	■ None
Storage	■ 1 * SATA3 6Gb/s port ■ 1 * Shared mSATA/mini-PCI Express slot (Full-size)
Audio	■ Realtek ALC662 HD Audio
Network	■ 2 * Realtek RTL8111F Gigabit LAN
Other Features	■ Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec
Rear Panel I/O	■ 4 * USB 2.0 ports ■ 2 * RJ-45 ports ■ 1 * DVI-I port ■ Audio Line Out ■ 12V DC-in jack
Front Panel I/O	■ Power Button, Reset Button, Power LED, HDD LED
Internal I/O	■ 2 * USB Headers for 3 * USB 2.0 ports ■ CPU Fan connector, 1 * SYSFAN connectors ■ 24bit Dual Channel LVDS header ■ 4 * Serial port headers (3 * RS232, 1 * RS232/422/485) ■ 8-bit GPIO header
BIOS	■ AMI 32MB SMT Flash ROM
Box Contents	■ NF39 Motherboard, SATA Cable, Internal Power Cables, DVI-to-VGA Adapter, Manual, DVD Driver Disk
Certification	■ CE, FCC, RoHS, ErP
Temperature	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
Form Factor	■ 3.5" SBC Form Factor (148mm x 102mm)
Warranty	■ 2 Years Limited Warranty

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



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