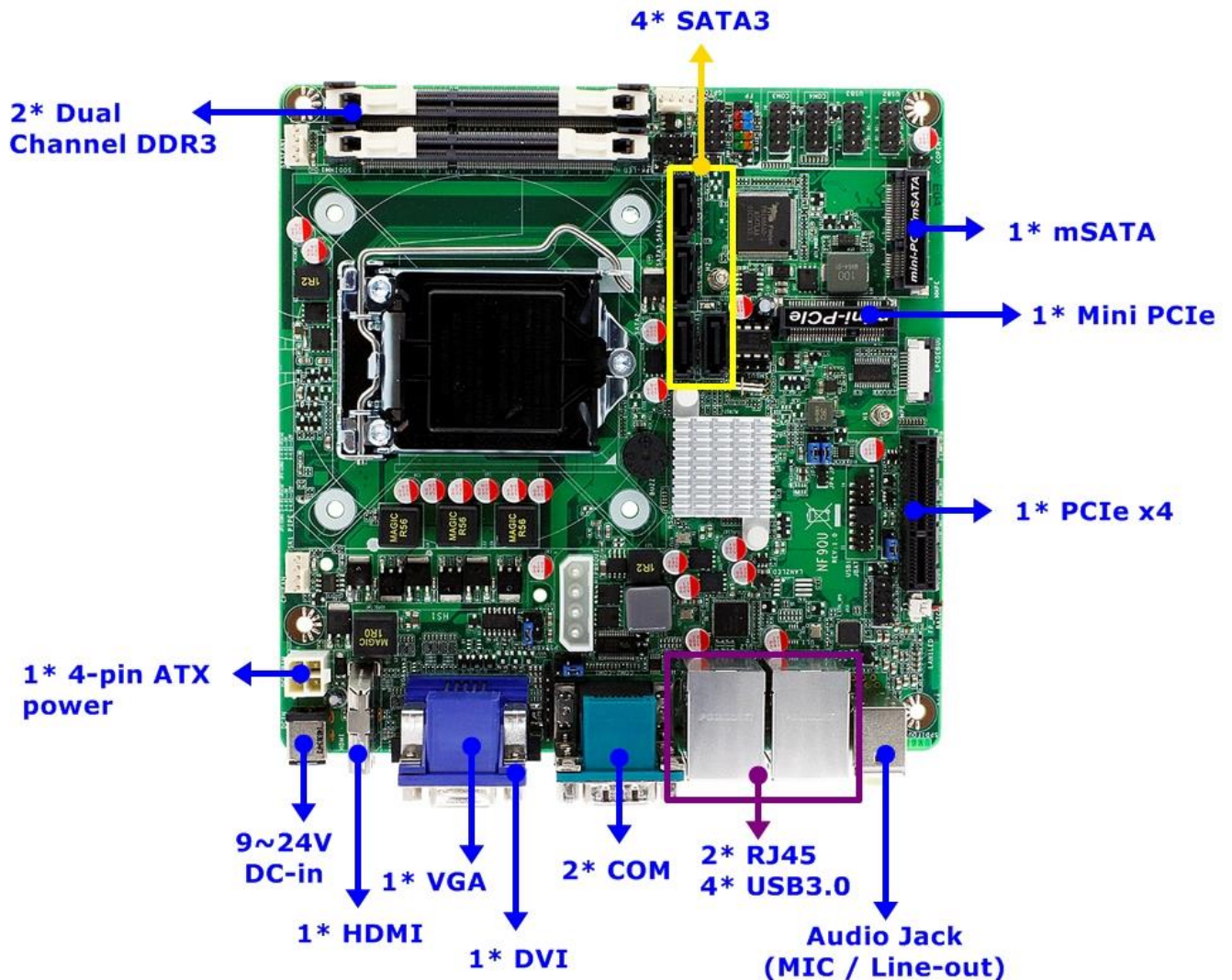


1. Intel® Q87 Express Chipset
2. Supports Intel LGA 1150 Socket Core™ i3, i5, i7 & Pentium/Celeron Processors (Max. 65W)
3. 2 * Dual Channel DDR3 1600/1333MHz up to 16GB
4. TPM supported (Option)
5. Support Intel i211AT & i217LM GbE
6. Support Intel Active Management Technology (iAMT 9.0)
7. Support PCIe x4 slot
8. 4-ports SATA III 6Gb/s support RAID 0, 1, 5, 10
9. HDMI/ DVI-D/VGA Video Outputs
10. Built-in Watchdog Timer Technology
11. +9~24V Wide range DC-in PWR jack
12. Mini-ITX Form Factor (170mm * 170mm)



Product Specifications

Form Factor

Dimensions - Mini-ITX (170 * 170mm)

Processor System

CPU - Intel LGA 1150 Socket Core i7/i5/i3/Pentium Processor

Core Number - (by CPU)

Max Speed - (by CPU)

L2 Cache - (by CPU)

Chipset - Intel Q87 Express chipset

BIOS - AMI 64Mb Flash ROM

Expansion Slot

PCI - 0

Mini-PCIe - 2 (1 half size, 1 full size shared with mSATA)

mSATA - 1 (full size, shared with mPCIe)

PCIe - 1 (x4)

CFast Card Socket - 0

CF Card Socket - 0

Memory

Technology - Dual CH DDR3 1600/1333MHz SDRAM

Max. - 16GB

Socket - 2 * SO-DIMM

Graphics

Controller - (by CPU)

VRAM - Shared Memory

VGA - 1 (Max. Resolution: 1920 * 1200@60Hz)

LVDS - 0

HDMI - 1 (Max. Resolution: 1920 * 1200@60Hz)

DVI-D - 1 (Max. Resolution: 1920 * 1200@60Hz)

DisplayPort - 0

MultiDisplay - Triple Displays

Ethernet

Ethernet - 10/100/1000 Mbps

Controller - Intel i211AT & i217LM GbE

Connector - 2 * RJ45

SATA

Max Data Transfer Rate - 4 * SATAIII (6.0Gb/s)

Rear I/O

VGA	- 1
DVI-D	- 1
HDMI	- 1
DisplayPort	- 0
Ethernet	- 2
USB	- 4 (4 * USB 3.0)
Audio	- 2 (MIC / Line-out)
Serial	- 2 (COM1 * RS232/422/485 with 5V/12V selectable header)
eSATA	- 0
PS/2	- 0
DC-input	- 1
Internal Connector	
USB	- 6 (4 * USB 2.0 + 2 * USB 3.0)
PS/2	- 1
LVDS / inverter	- 0
VGA	- 0
Serial	- 2 (2 * RS232 with 5V/12V selectable header)
SATA	- 4 * SATAIII (6.0Gb/s)
mPCIe	- 1 (half size)
Parallel	- 0
mSATA	- 1 (shared with mPCIe)
CIR	- 0
GPIO	- 4 in / 4 out
Chassis intrusion	- 1
Audio Header	- 1
TPM	- 1 (on board option)
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments, 0,1,2...255sec/min
Power Requirements	
Input PWR	- +9~24V DC-in
Power On	AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
Certifications	
Certifications	- CE, FCC, RoHS, REACH
Environment	
Temperature	- Operating: 0°C – 60°C

- Storage: -20°C – 85°C

- For further information please visit the website at <http://www.jetwayipc.com>
- The Specification may be changed without further notice.

Accessories

Part Number	Description
	JNF9QU-Q87 M/B
G01-SATA3-BL-1F	SATA cable
G01-PW4PS-2S-323F	SATA Power cable
F04-MB-019-1F	I/O Shield