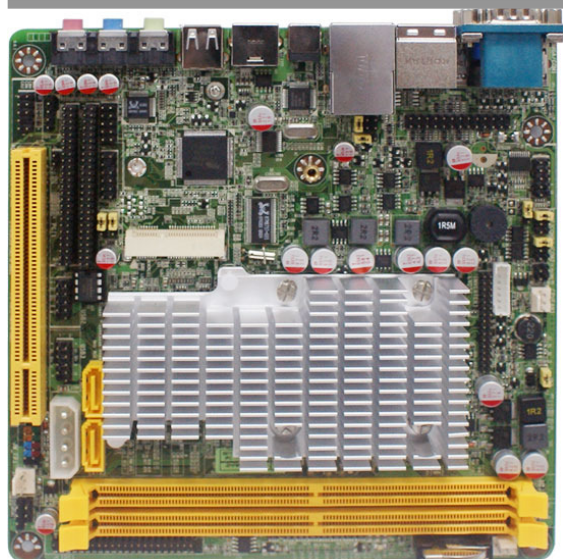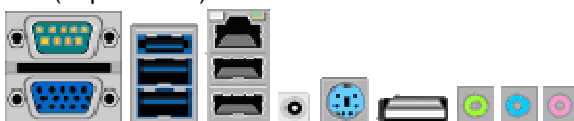# Industrial Single Board Computer

Mini-ITX Motherboard

JNF96FL-525-LF

-Integrated Intel ATOM Processor D525
-Integrated Intel ICH8M Chipset
-Support JetWay Expansion Daughter Board
-Power on board, Support 12V DC-In
-Support internal two SATAII devices and one e-SATA device
-Support Dual display by on board VGA and LVDS
-17 x 17CM Mini-ITX Form Factor
-Long Product Life Cycle plan, till the end of 2013
(expandable)

Form Factor	Mini-ITX 170 mm x 170 mm
CPU	Intel ATOM D525, 1.8Ghz, 512KB x 2 L2, dual-core
Memory	2x 240-Pin DIMM Socket for un-buffered Single Channel DDR2 800/667, up to 4GB
Chipset	INTEL ICH8M South Bridge Chipset
Power Management	ACPI S3 Compliant ,supports power saving mode
PCI enhanced IDE	2 * Ultra DMA 100 / 66 IDE Devices Support
Serial ATA Interface	2 Serial ATA2 Devices Support
VGA Interface	Integrated Intel GMA3150 Graphic Engine, Core Frequency of 400MHz DX9.0c and OpenGL 1.4 compliant, Hardware Pixel Shader 2.0 Supports analog display output resolution up to 2048 x 1536
LVDS	On board LVDS, support 18bit Single Channel resolution up to 1366 x768
Video Memory	DVMT Support up to 256MB
Audio Interface	Realtek ALC662 6-Channel Audio CODEC
LAN Interface	Realtek RTL8111DL 10 / 100 / 1000 PCI-E LAN
Extended Interface	1 * 32-bit PCI Slot 1 * MINI PCI-Express 1 * JetWay Expansion slot for Daughter Boards
Internal I/O Port	2 * High Speed USB Connectors @ 480 Mbit / s for 4 USB 2.0 Ports 1 * CPU Smart Fan, 2 * DC Fan Connectors 1 * Parallel Port 1 * RS232/RS422/RS485 COM Port 1 * GPIO header
External I/O Port	5 * High Speed USB Connectors @ 480 Mbit / s 1 * PS/2 Connector 1 * D-Sub 15-pin VGA Connector 1 * Serial COM Ports 1 * RJ45 Connectors 1 * e-SATA Port 1 * Audio I / O
BIOS	Award 8 MB SPI Flash ROM
Power Requirement	Power on board, 12V DC-In
Dimension	170mm x 170mm
Product Life Cycle	The End of Year 2013, possible expand longer
Temperature	Operating within 0~60 centigrade Storage within -20-85 centigrade

*For further information please visit the website at http:www.jetway.com.tw

*The Specification may be changed without further notice.

JETWAY Computer B.V