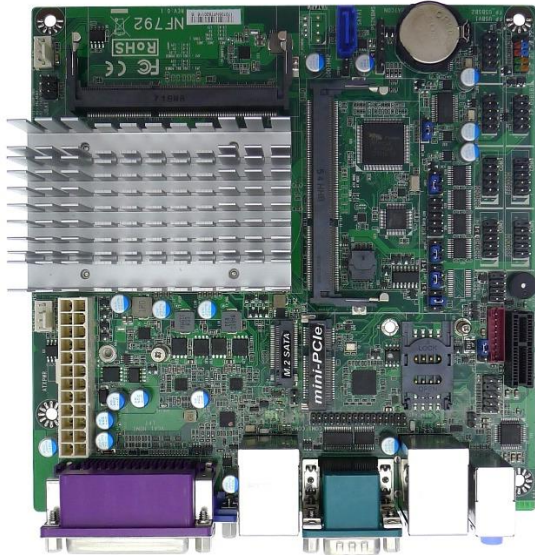




NF792-3160

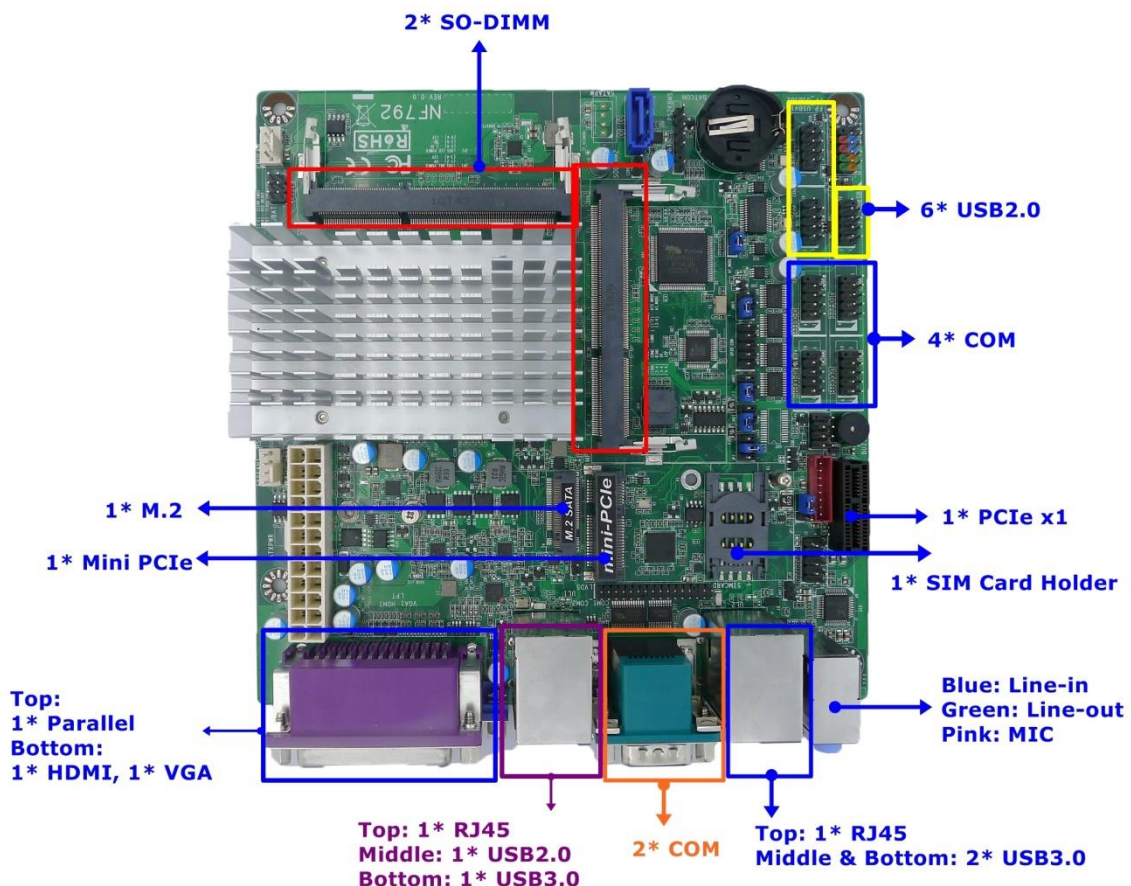
Intel® Braswell SoC CPU, DDR3L up to 8GB, support ATX power input



1. Intel® Braswell N3160 Processor
2. Support DDR3L-1600, 2 * SO-DIMM slot, up to 8GB memory
3. Realtek ALC662VD Audio
4. 2 * Realtek 8111H Giga LAN
5. Support 1 * SATA III (6Gb/s) & M.2 (M key 2242/2260)
6. Support HDMI/VGA/LVDS, triple displays
7. 2 * External COM and 4 * internal COM
8. 3 * External USB3.0 & 1 * External USB2.0 & 6 * Internal USB2.0
9. 1 * Mini-PCIe slot & 1 * PCIe x1 slot
10. 1 * SIM Card Holder
11. ATX power



Internal Diagram



Specifications

Form Factor	
Dimensions	- Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)
Processor System	
CPU	- Intel® Braswell N3160 Processor
Core Number	- 4
Max Speed	- 2.24GHz
L2 Cache	- 2MB
Chipset	- SoC
BIOS	- AMI Flash ROM
Expansion Slot	
PCI	- 0
Mini-PCIe	- 1 (full size)
mSATA	- 0
PCIe	- 1 * PCIe x1 slot
M.2	- 1 (M Key 2242/2260)
CFast Card Socket	- 0
CF Card Socket	- 0
SIM Card Holder	- 1
Memory	
Technology	- Dual CH DDR3L 1600MHz SDRAM
Max.	- 8GB
Socket	- 2 * SO-DIMM
Graphics	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
VGA	- 1
LVDS	- 1 (Max Resolution : 1920x1080@60Hz)
eDP 1.3	- 0
HDMI 1.4	- 1 (Max Resolution : 3840x2160@30Hz)
DVI-D	- 0
DisplayPort	- 0
MultiDisplay	- Triple Displays
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- 2 * Realtek® 8111H Gigabit LAN
Connector	- 2 * RJ 45

Audio	
CODEC	- HD Audio : Realtek ALC662VD
Channel	- Line-In, Line-Out, MIC
SATA	
Max Data Transfer Rate	- 1 * SATAIII (6.0Gb/s)
Rear I/O	
VGA	- 1
DVI-D	- 0
HDMI	- 1
DisplayPort	- 0
Ethernet	- 2
USB	- 3 * USB 3.0 & 1 * USB 2.0
Audio	- 1 (Line-in, Line-out, MIC)
Serial / Parallel	- 2 (COM1 support RS232/422/485)
eSATA	- 0
Parallel	- 1
DC-input	- 0
Internal Connector	
USB	- 6 * USB 2.0
PS/2	- 1
LVDS / inverter	- 1
eDP	- 0
VGA	- 0
Serial	- 4
SATA	- 1 * SATAIII (6.0Gb/s)
mPCIe	- 1 (full size)
Parallel	- 0
mSATA	- 0
M.2	- 1 (M key 2242/2260)
GPIO	- 1 (8 bit)
Chassis intrusion	- 1
Audio Header	- 1
SMBUS/ I2C	- 1
AT mode	- 1
TPM	- 1 (on board option)
SIM Card Holder	- 1
Watchdog Timer	

Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments (10sec ~ 255min)
Power Requirements	
Input PWR	- ATX power 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, LVD, RoHS, REACH
Environment	
Temperature	- Operating: 0°C ~ 60°C(with 0.7m/s air flow) - Storage: -20°C ~ 85°C
Warranty	
Warranty	- 2 Years Limited Warranty
Packing	
Packing	- Net Weight: - Gross Weight: - Color Box dimension:

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

Optional Accessories

Part Number	Description
	NF792-3160 M/B
G03-NF792-F	IPC NF792 User's Manual
G02-DVD21-A8-WF	CD Driver
G01-SATA3-BL-1F	SATAIII cable
F04-MB-055-F	NF792 I/O Shield