

MMI-N2800

Intel Atom N2800 CPU Fanless Box PC
VGA, HDMI, 1 LAN, 2/6COM, 8 USB 2.0
eSATA, m-SATA, mini-PCle, DC-IN



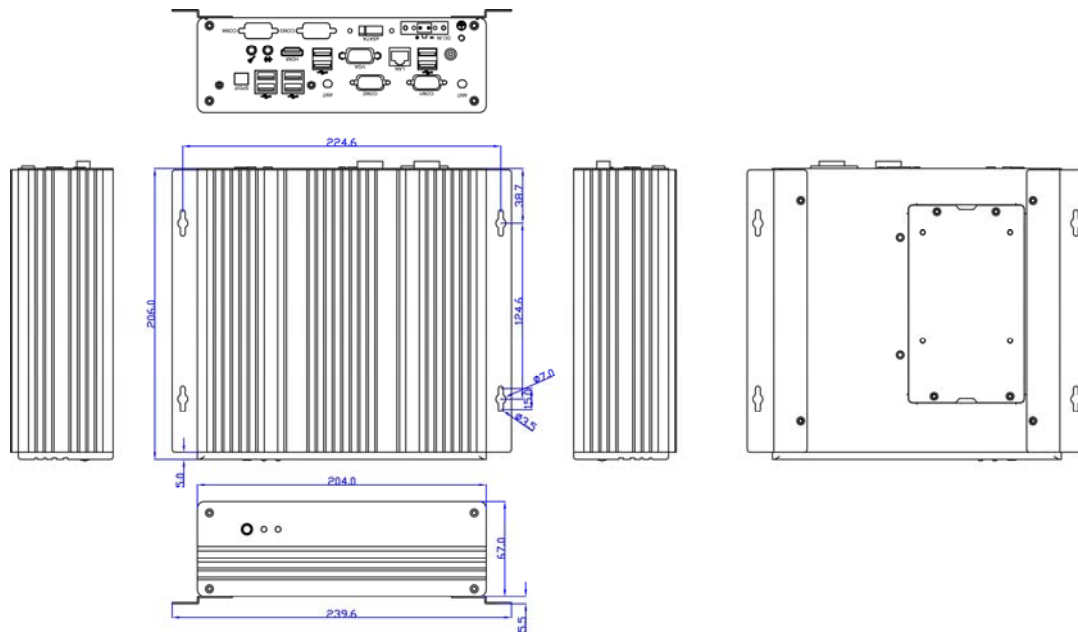
Features

- Intel Atom N2800 1.8GHz fan less CPU, NM10 Chipset
- Rich display interfaces with VGA and HDMI
- System switch, POWER LED, HDD LED on front bezel
- Dual COM ports by RS-232 (up to 6COM by option)
- Single LAN, 2 SATAII, 8 USB 2.0, Audio, SPDIF
- eSATA, m-SATA, mini-PCle are optional
- Easy maintenance with one 2.5" HDD plate space
- 9-19V DC input (option DC 12V 50W adapter)
- -20°C ~ 60°C harsh operation environment
- ODM inquiries on front bezel, rear I/O are welcome

Specifications

MMI-N2800 Series Key Features		MMI-N2800-C2-M2-00	MMI-N2800-C2-M4-00	MMI-N2800-C6-M2-SD64
Processor System	CPU	Atom N2800 1.8GHz		
	L2 Cache	1MB		
	Chipset	Intel NM10		
	BIOS	AMI 16Mb SPI		
Expansion Slot	Mini-PCle	1 x half-size		
	Mini-SATA	1 x full-size		
Memory	Specification (SO-DIMM)	2 x DDR3-800/1066		
	System Memory Capacity	2GB Memory (SO-DIMM)	4 GB Memory (SO-DIMM)	2GB Memory (SO-DIMM)
Graphics	VGA	1 x VGA(1920x1200)		
	HDMI	1 x HDMI(1920x1200)		
Ethernet	Gigabit Controller	Intel LAN 82574L		
	Connector	1 x RJ-45		
SATA	SATA II_1	W/O HDD(option)	W/O HDD(option)	2.5" SSD 64GB
	SATA II_2	Default is for e-SATA on rear I/O		
System Rear I/O	VGA	1 x DB-15		
	HDMI	1 x HDMI		
	Ethernet	1 x RJ45		
	USB Type-A	8 x USB 2.0		
	Audio	1 x Audio ports (Mic-in, Line-out)		
	Serial COM1/COM2	2 x DB-9 RS-232	2 x DB-9 RS-232	6 x DB-9 RS-232
	SPDIF	1 x SPDIF		
	System Power Input	1 x 2-Pin terminal block		
System Storage	HDD Driver Bay	1 x HDD plate space for one 2.5" HDD		
Optional Features on Rear I/O	GPIO	4 x GPI + 4 x GPO by ODM inquiry		
	LPT	1 x LPT1 by ODM inquiry		
	LVDS	1 x DB25 for 2-ch 24-bit LVDS signals by ODM inquiry		
	UPS Connector	Option by ODM inquiry for UPS or battery function		
	HD-AUDIO	Option by ODM inquiry		
System Front Bezel	Power Switch	1x Power soft switch to turn-on and turn-off system		
	Power LED	1x LED for system power status		
	HDD LED	1x LED for HDD data access status		
	Front Bezel	ODM bezel, artwork, logo design		
System Power	DC 9 ~ 19V input	Optional DC12V 50W adapter (AC 90V-264V input, DC-out by 2-pin phoenix connector)		
	Temperature	Operating	None-operating	
Physical Size	Dimensions	204mm(W) x 206mm(D) x 67mm(H)		
	Packing Carton	290mm(W) x 290mm(D) x 170mm(H)		
Weight	N.W	2.5Kg		
	G.W.	3.5Kg		
Certifications	EMC	CE, FCC Class A		

System Dimension Drawing



Ordering Information

Part Number	CPU	Chip	VGA	HDMI	GbE	USB	COM(RS-232)	e-SATA	Memory	System HDD
MMI-N2800-C2-M2-00	N2800	NM10	1	1	1	8	2	1	2GB	w/o HDD
MMI-N2800-C2-M4-00	N2800	NM10	1	1	1	8	2	1	4GB	w/o HDD
MMI-N2800-C2-M2-SD64	N2800	NM10	1	1	1	8	2	1	2GB	2.5" SSD 64GB
MMI-N2800-C6-M2-00	N2800	NM10	1	1	1	8	6	N/A	2GB	w/o HDD

※ MMI-N2800 system memory 2GB or 4GB has to be installed before production.

※ e-SATA feature will be cancelled from Apr/2014 (Could be reserved by request.)

Optional Items

Part Number	Description
SODIMM-DDR3-2GB	204-Pin SODIMM DDR3-1333, 2GB 1.5V
SODIMM-DDR3-4GB	204-Pin SODIMM DDR3-1333, 4GB 1.5V
SSD2-032 / SSD2-064	2.5" SATA2(3Gb/S) SSD MLC, 32GB / 64GB
SSD3-032 / SSD3-064	2.5" SATA3(6Gb/S) SSD MLC, 32GB / 64GB
MMI-WM-BK	MMI Chassis Wall Mount Bracket Kits for MMI-N2800 , Black, with Screws
MMI-DBAE1-50W-2P	AC-DC12V 50W Adapter, AC 90V-264V input by C14 socket, DC12V@4.16A output with 2-pin terminal block