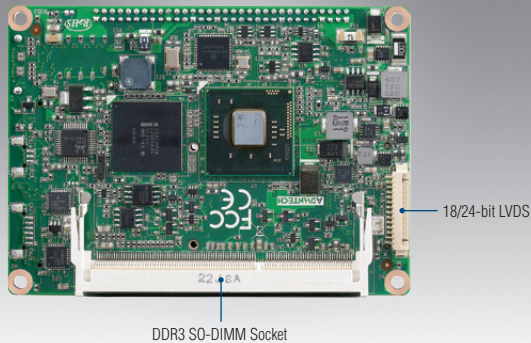


MIO-2262

Intel® Atom™ N2600/ N2800 Pico-ITX SBC, DDR3, 18/24-bit LVDS, VGA, 1 GbE, Full-size Mini PCIe, 4 USB, 2 COM, SMBus, I²C, mSATA & MIOe

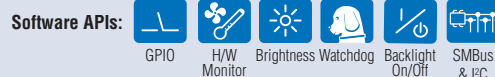
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Features

- Embedded Intel® Atom™ Dual Core processor N2600/ N2800 + Intel NM10, 1 x DDR3 memory support up to 4 GB
- DirectX® 9, Dual Independent display: 18/24-bit LVDS + VGA
- Flexible design using integrated multiple I/O: MIOe to approach vertical applications & keep domain knowhow
- Intel GbE support, Rich I/O interface with 2 COM, 1 SATA, 4 USB 2.0, GPIO, SMBus, I²C, and MIOe expansion interface
- Supports SUSIAccess and Embedded Software APIs



Specifications

Processor System	CPU	Intel Atom Dual Core N2600 1.6 GHz/ N2800 1.86 GHz
	Frequency	Dual Core 1.6 GHz/ 1.86 GHz
	L2 Cache	1 MB
	System Chipset	Intel Atom N2600/ N2800 + Intel NM10
	BIOS	AMI EFI 16 Mbit
Memory	Technology	DDR3 800 MHz (N2600), DDR3 1066 MHz (N2800)
	Max. Capacity	4 GB
	Socket	1 x 204-pin SODIMM
Display	Chipset	Intel Atom N2600/ N2800
	Graphic Engine	DirectX 9 and OpenGL3.0 support H/W Decode/Acceleration: H.264, VC1, MPEG2
	LVDS	18/24-bit LVDS1: up to 1366 x 768
	VGA	Up to 1920 x 1200
	Dual Display	VGA+LVDS
Ethernet	Speed	10/100/1000Mbps
	Controller	GbE1 Intel 82583V
Audio	Chipset	Realtek ALC892, High Definition Audio (HD), Line-in, Line out
WatchDog Timer		Output System reset, Programmable counter from 1 ~ 255 minutes/ seconds
Storage	mSATA	1 (Supports mSATA or USB interface module or full size miniPCIe, selected by BIOS, default is mSATA)
	SATA	1 x SATA II (Max. Data Transfer Rate 300 MB/s)
Expansion	Mini PCI Express	1 x Full-size Mini PCIe (Supports mSATA, selected by BIOS)
	MIOe	MIOe (3 x USB 2.0, 2 x PCIe x1, LPC, HD Audio line-out, SMBus, DP or HDMI supported by request, 5 Vsb/12 Vsb Power output)
	64pin connector A	12V DC input, Inverter, VGA, 2 x USB2.0, 1GbE w/ LED
	64pin connector B	SMBus, I ² C, Power/Reset button, HDD/Power LED, 2 x USB2.0, 8-bit GPIO, HD Audio Line in/out, 2 x RS-232
Power	Power Type	Single 12V DC power input
	Power Supply Voltage	Supports single 12V input, ± 10%
	Total peripheral power supply output	5V @ 3A for CPU board and MIOe module totally, 12V @ 2A for MIOe module
	Power Consumption (Typical)	N2600: 0.43 A @ 12 V (5.24 W) N2800: 0.51 A @ 12 V (6.12 W)
	Power Consumption (Max, test in HCT)	N2600: 0.67 A @ 12 V (8.05 W) N2800: 0.82 A @ 12 V (9.8 W)
	Power Management	APM, ACPI, wake on LAN
	Battery	3 V / 210 mAh
Environment	Operation	0 ~ 60° C (32 ~ 140° F) (Operational humidity: 40° C @ 95% RH Non-Condensing)
	Non-Operation	-40° C ~ 85° C and 60° C @ 95% RH non-condensing
Physical Characteristics	Dimensions (L x W)	100 x 72 mm (3.9" x 2.8")
	Weight	0.37 kg (0.82 lb), weight of total package
	Total Height	Top Side: 12.75 mm; Bottom Side: 9.0 mm

