

EPC-S201

Intel Atom N3350 DC Barebone Embedded SBC Fanless Slim System

Preliminary



Features

- Intel® Atom N3350 Dual Core SoC
- Semi-Industry Fanless slim system, Din Rail or Wall mount design
- VGA display, COM port, 2 USB3.0, 1 LAN at Front
- 1 DIO port, 1 COM port at Side
- Advantech WISE-PaaS/RMM support



WISE-PaaS/RMM iManager



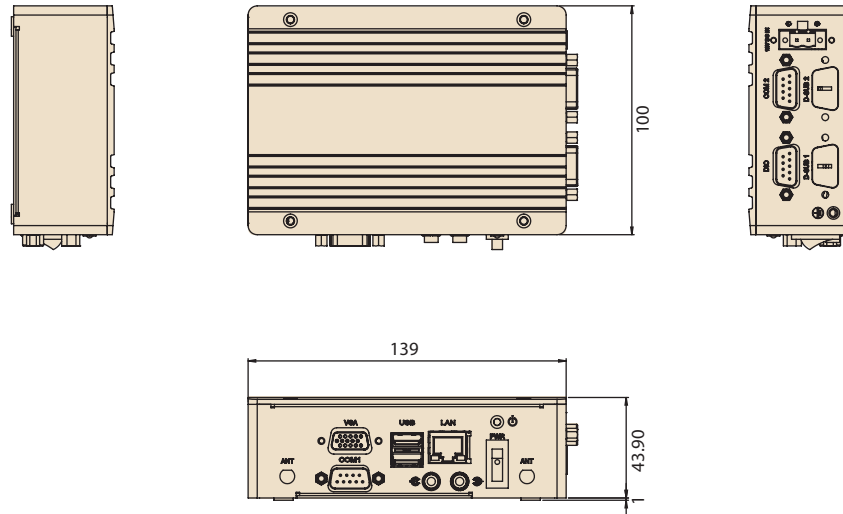
Specifications

		EPC-S201M00-S6A1E
Processor System	CPU	Intel Celeron N3350 Dual Core SoC
	Frequency	1.6 GHz
	Max Turbo Frequency	2.4 GHz
	L2 Cache	2MB
	BIOS	AMI UEFI BIOS at 64Mbit
Memory	Technology	DDR3L 1866MHz
	Max. Capacity	Up to 8 GB*
	Socket	1 x 204-pin SODIMM
Display	Controller	Intel Gen9 LP
	Graphic Engine	4K Codec Decode& Encode for H.264, MPEG2, MVC, VC-1, WMV9, H.265 / HEVC, VP8, JPEG / MJPEG
	VGA	1920 x 1200
Ethernet	LAN	10/100/1000 Mbps, Intel i210
Audio	Main system	Realtek ALC888S, High Definition Audio. Line-out,Line-in
Expansion	Mini PCIe	1 x Full-size Mini PCIe
Storage	mSATA	Half size MiniPCIe slot
Other	Watchdog Timer	255-level timer interval, setup by software
Front I/O Openings	USB	2 USB3.0
	RJ45	1
	VGA	1
	COM	1 (RS232/422/485)
	Audio	Line-in, Line-out
	Antenna	1
Side I/O Openings	COM	1 (RS232/422/485)
	Digital I/O	1 (8-bit general purpose input/ output)
Miscellaneous	LED Indicators	Power
	Control	Power switch
Power Requirement	Power Type	AT
	Power input Voltage	12V
	Connector type	2-Pole Phoenix DC plug in
Environment	Operating Temperature	0 ~ 50 °C w/ 0.7m/s airflow
	Storage Temperature	-40 ~ 85 °C (-40~185 °F)
	Relative Humidity	40 °C @ 95%, Non-Condensing
	Vibration During Operation	With Desk/Wall Mount/ DIN Rail: 3 Grms, IEC 60068-2-64, random vibration, 5 ~ 500 Hz, 1 hr/axis
	Shock During Operation	30G, IEC60068-2-27, half sine, 11m duration
Physical Characteristics	Mounting	Desk/Wall-mounting, Din rail mounting
	Dimensions (W x H x D)	System dimension: 139 x 100 x 44 mm
	Weight	0.6 kg
Regulation	EMC	CE/FCC Class B, CCC(TBD), BSMI(TBD), VCCI
	Safety	CB, UL, CCC, BSMI(TBD)

* Other RAM size is supported by request.

Dimensions

Unit: mm



Ordering Information

Part Number	Intel CPU	RAM	VGA	GbE	USB 3.0	RS-232/422/485	Audio	MiniPCle	mSATA	Power Input	Operating Temperature
EPC-S201M00-S1A1E	Intel Celeron N3350	up to 8GB DDR3L*	1	1	2	2	Line in Line out	1 Full size	1 (Half size miniPCle connector)	12V _{DC}	0 ~ 50 °C

* RAM size is supported by request.

Embedded OS/API

OS/API	Part No.	Description
Win10	20706WX6ES0008	64bit
VxWorks	-	Support by request
Software API	-	SUSI API for Windows or Linux Yocto
Linux	-	Yocto BSP ready for download on website

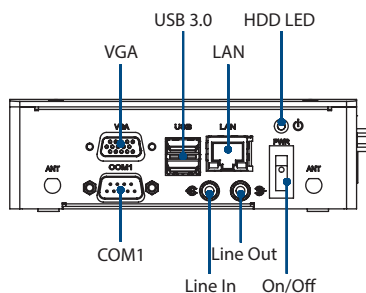
Packing List

Part Number	Description
	1 x EPC-S201 Unit
	1 x Startup Manual (Simplified Chinese)

Optional

Part Number	Description
96PSA-A60W12P2-1	DC power 12V/5A 60W, 0 ~ 40 °C, w/ Phoneix Jack type power connector
1702002600-01	Power cable 3-pin 183 cm, USA type
1700018704	Power cable 3-pin 180 cm, UK type
1702002605	Power cable 3-pin 183 cm, Europe type
1700000237-01	Power cable 3-pin 183 cm, PSE type
TBD	Wall mount kit
TBD	DIN Rail kit
EWM-W135F01E	WIFI Module: 802.11 a/b/g/n, Atheros AR9382, 2T2R
1750008717-01	External Antenna, Dipole Ant. D.B 2.4/5G WIFI 3dBi
1750006043	SMA Cable, R-SMA(F)/MHF 1.32 150mm

Front View



Side View

