

AMOS Series

NEW

VIA

AMOS-5001

Fanless, Compact
Embedded Chassis Kit for
EITX-3001



Features

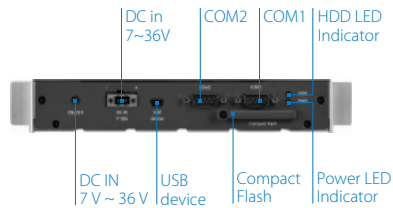
- Fanless operation
- Easy, quick installation and maintenance
- Anti-shock up to 50G with vibration resistant design to ensure extended reliability
- Modularized design with compact dimensions:
231.44mm(W) x 35.2mm(H) x 124.8mm(D)
- Easy to use inter-changeable and customizable front and rear panels
- Build-in rich I/O functional feature cutouts for easy external access
- Maximum space efficiency for optimized electromagnetic compatibility

Specifications

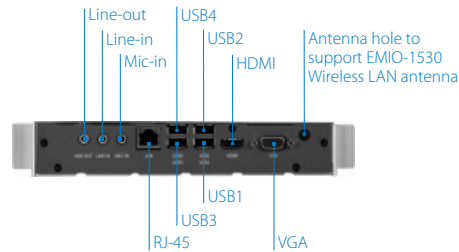
Model Name	AMOS-5001	
Chassis Construction	Construction	Metal chassis housing Dual front & rear metal face plates Aluminum bottom chassis housing mixed copper heat-pie (installed with EITX-3001 board)
	Dimension	231.44 (W) x 35.2 (H) x 124.8 mm (D) (when system equipped with aluminum bottom chassis housing) 231.44 (W) x 55.2 (H) x 124.8 mm (D) (when system equipped with aluminum bottom chassis housing and top optional storage chassis)
	Weight	0.4 Kg (front plate & rear plate & top cover) 0.75 Kg (front plate & rear plate & top storage chassis)
	Wall Mounting	Wall/table mountable left & right brackets
	VESA	VESA mounting by an adaptor bracket (optional) 75mm x 75 mm, 100 mm x 100 mm
Front I/O Ports	LED	1 x Green color LED to indicate the Power on/off status 1 x Red color LED to indicate the HDD activities status
	COM	2 x D-Sub 9-pin connectors Reserved cutouts for additional support of 2 x D-Sub 9-pin connectors via cable located on front of storage chassis on top (when system is equipped with storage chassis)
	USB	1 x USB device port by a mini-DIN connector
	GPIO	Reserved cutout for additional support of 1 x D-Sub 9-pin connectors via cable located on front of storage chassis on top (when system is equipped with storage chassis)
	Power Input	1 x 2-pole Phoenix power input connector (onboard power input connector)
	Power on/off Switch	1 x ATX Power on/off button (onboard power on/off button)
	Rear I/O Ports	VGA
	HDMI	Onboard 1 x dual-link HDMI connector with flange as JHDMI
	Gigabit LAN	1 x RJ-45 connectors as Giga LAN
	Quad USB 2.0	4 x USB 2.0 host ports by 2 pairs of double mini-DIN connector as USB1~USB4
	Audio	3 x 3.5Φ Audio Jack as Line-in, Line-out and Mic-in
	Antenna Hole	1 x Antenna hole to support EMIO-1530 Wireless LAN Antenna
Drive Bay	HDD Bay	Default support 1 x 2.5" SATA hard disk drive bay through an additional storage chassis located above top cover (P/N: AMOS-5001-1MSZA1)
	Compact Flash	Default support a Compact Flash socket from EITX-3001 board (P/N: AMOS-5001-1MZZA1)
Mounting	Supports table mount, wall mount (optional) Supports VESA mount (optional)	



Front System IO



Rear System IO



Specifications

Model Name	AMOS-5001	
Environmental Specifications	Operating Temperature	0°C up to 45°C (when system equipped with HDD) -20°C ~ 55°C (when system only equipped with Compact Flash)
	Storage Temperature	-20°C ~ 60°C
	Relative Humidity	0 ~ 90% @ 45°C, non-condensing
	Vibration Loading During Operation	With Compact Flash disk: 5Grms, IEC 60068-2-64, random, 5 ~ 500Hz, 1 Oct./min, 1hr/axis With 2.5" hard disk driver locate aluminum bottom chassis housing by P/N of AMOS-5001-1MZZA1 1Grms, IEC 60068-2-64, random, 5 ~ 500Hz, 1 Oct./min, 1hr/axis
	Shock During Operation	With Compact Flash disk: 50G, IEC 60068-2-27, half size, 11ms duration locate aluminum bottom chassis housing by P/N of AMOS-5001-1MZZA1 20G, IEC 60068-2-27, half size, 11ms duration
Software Compatibility	Operation System	Microsoft Windows XP, Windows 7, Microsoft Windows XP Embedded Standard, Windows Embedded Standard 7, Linux Debian 5.0.3 (Kernel 2.6.32)

Ordering Information

Part Number	Description
AMOS-5001-1MZZA1	AMOS Embedded Chassis Kit for EITX-3001 Em-ITX Board
AMOS-5001-1MSZA1 (available soon)	AMOS Embedded Chassis Kit for EITX-3001 Em-ITX Board, with 1 x HDD Bay
AMOS500111001-T	Bare Bone System, AMOS-5001 Chassis + 1.3GHz Nano E EITX-3001 System Board

Optional Accessories

External AC-to-DC Adapter and Power Cable

Part Number	Description
99G63-020246	AC-to-DC adapter, DC 19V/90W with 2-pole Phoenix Power Plug
99G33-02032C	Power Cable, 180 cm, USA type
99G33-02033C	Power Cable, 180 cm, Europe type
99G33-02034C	Power Cable with PSE mark, 180 cm for Japan

WLAN USB Module

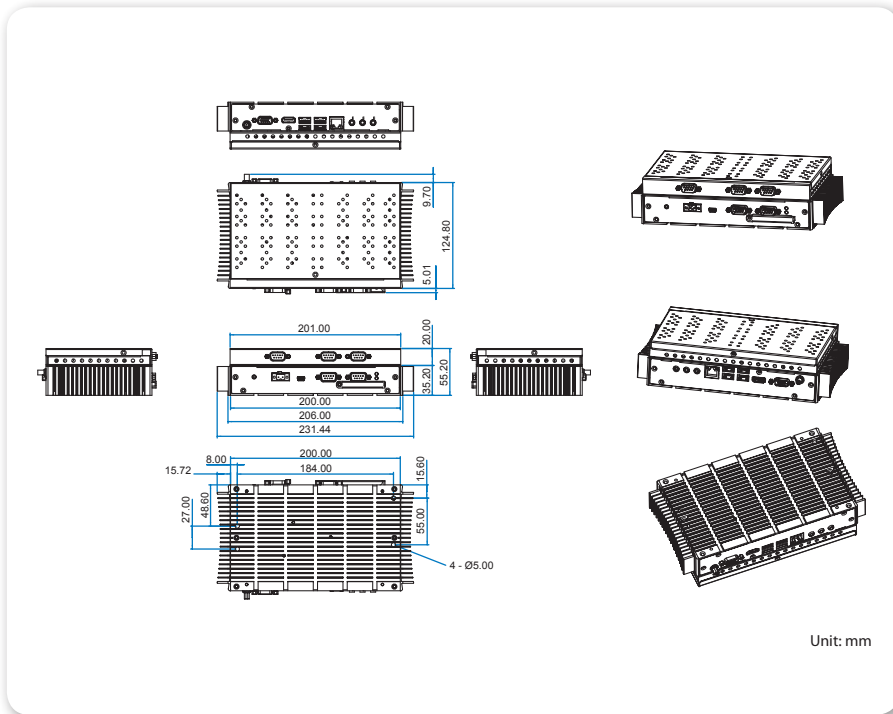
Part Number	Description
EMIO-1530-A0A1	802.11 b/g Wireless LAN USB module for USA
EMIO-1530-A1A1	802.11 b/g Wireless LAN USB module for Europe

Optional Accessories

RAM Module, Flash Disk, and 2.5" Hard Disk Drive	
Part Number	Description
99G06-010598	2GB DDR2 800MHz, 128Mx8 SDRAM SODIMM, Industrial Grade, 0°C ~ 60°C
99G06-010588	1GB DDR2 800MHz, 128Mx8 SDRAM SODIMM, Industrial Grade, 0°C ~ 60°C
99G06-010648	1GB DDR2 667MHz, 128M x8 SDRAM SODIMM, Industrial Grade, -40°C ~ 85°C
99G06-010578	2GB DDR2 667MHz, 128M x8 SDRAM SODIMM, Industrial Grade, -40°C ~ 85°C
99G61-060011	1GB Compact Flash Disk, Industrial Grade, -40°C ~ 85°C
99G61-060041	1GB Compact Flash Disk, Standard Grade, 0°C ~ 70°C
99G61-060021	2GB Compact Flash Disk, Industrial Grade, -40°C ~ 85°C
99G61-060051	2GB Compact Flash Disk, Standard Grade, 0°C ~ 70°
99G61-060031	4GB Compact Flash Disk, Innodisk, Industrial Grade, -40°C ~ 85°C
99G61-060061	4GB Compact Flash Disk, Standard Grade, 0°C ~ 70°C
99G61-020146	250GB, TOSHIBA 2.5" SATA HDD 5400RPM
99G61-020156	320GB, TOSHIBA 2.5" SATA HDD 5400RPM

Embedded OS (Only available for T-Parts OEM service)	
Part Number	Description
POS-MEXSLI-ENS00	Windows XP Embedded Standard Image & License English Version
POS-ME7SLI-ENS00 (available soon)	Windows XP Embedded Standard 7 Image & License English Version (Require minimum 4G Compact Flash)
POS-ME7CLI-ENS00 (available soon)	Windows Embedded Standard 7 Compact size Image & License English Version (Require minimum 2G Compact Flash)
POS-DLNXLI-ENS03 (available soon)	Debian Linux Image & License English Version (Require minimum 2G Compact Flash)

Dimensions



Packing List

Item for AMOS-5001-1MZZA1
1 x AMOS-5001 front I/O panel
1 x AMOS-5001 rear I/O panel
1 x AMOS-5001 top cover
2 x Hex screw pack
1 x Screws package (for fastening chassis kits)
1 x Compact Flash door
1 x Antenna cover
1 x Quick Guide

Item for AMOS-5001-1MSZA1
1 x AMOS-5001 front I/O panel
1 x AMOS-5001 rear I/O panel
1 x AMOS-5001 top storage chassis top case
1 x AMOS-5001 top storage chassis bottom case
1 x Digital I/O cable
2 x COM port ribbon cable
2 x Hex Screw pack
1 x Screws package (for fastening chassis kits)
1 x Compact Flash door
1 x Antenna cover
1 x Quick Guide