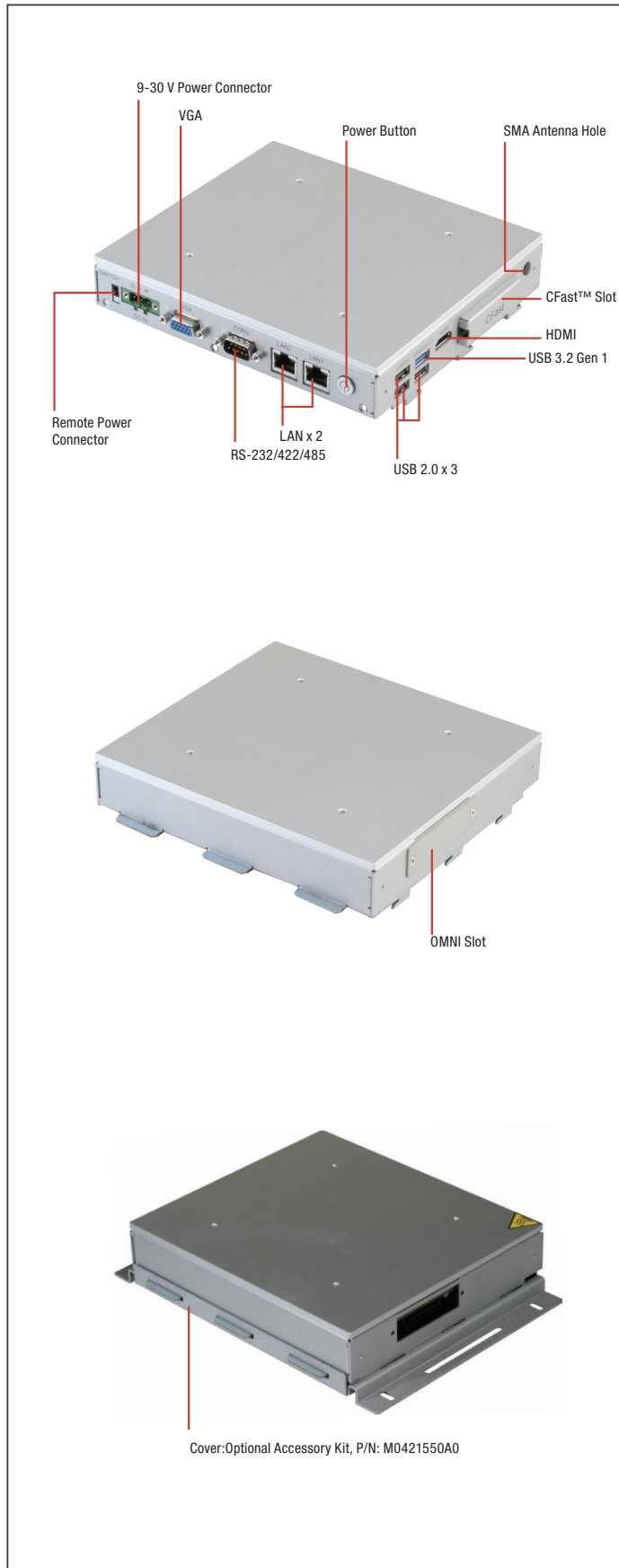


OMNI-BT CPU BOX Kit

OMNI Series Modules- CPU BOX Kit

OMNI Series : Modular Builder - BOX Kit



Features

- Intel® N2807/J1900 Processor
- Aluminum Design
- Fanless Operation
- Easily Expandable I/O by AAEON OMNI I/O Modules



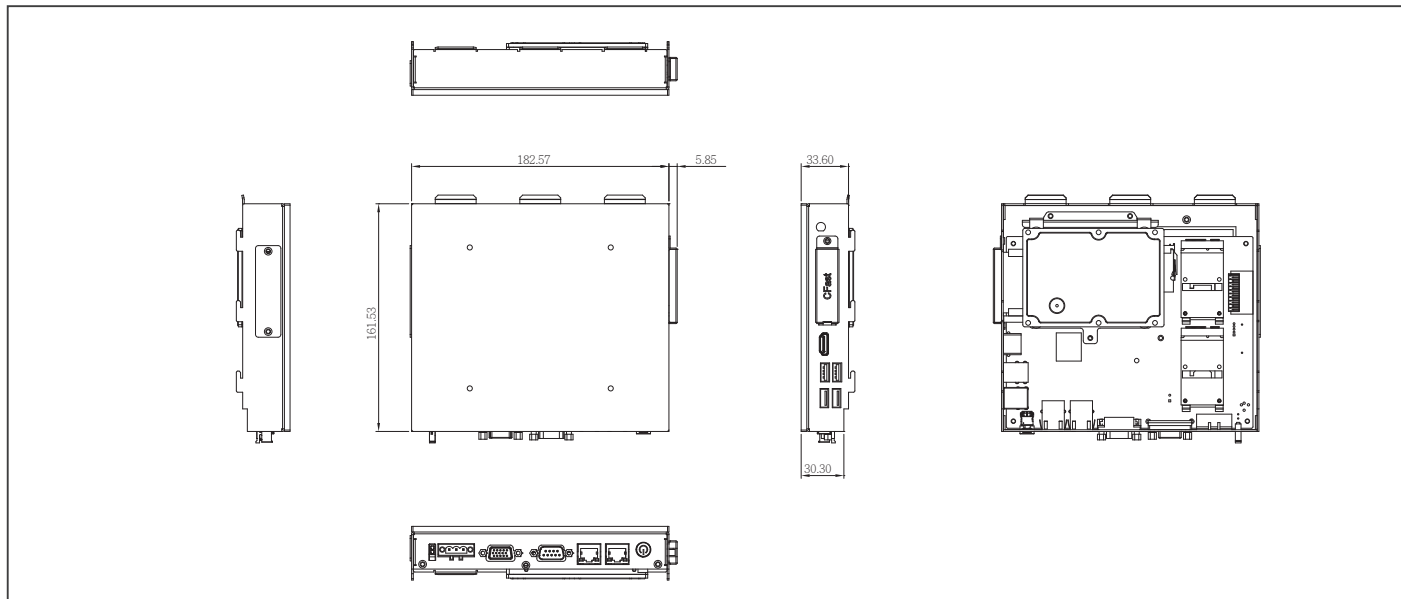
Specifications

System	
Processor	Intel® N2807 processor, 1.58 GHz Intel® Celeron® J1900 processor, 2 GHz
System Memory	204-pin DDR3L 1333MHz SODIMM x 1, up to 8 GB, (J1900) 204-pin DDR3L 1333MHz SODIMM x 1, up to 4 GB, (N2807)
LCD CRT Controller	Integrated in processor
Ethernet	Intel® I211, 10/100/1000 Base-TX x 2
I/O Port	USB 2.0 Type A x 3 USB 3.2 Gen 1 Type A x 1 SMA Antenna hole x 1 HDMI x 1 CFast™ x 1 DB-9 x 1 for RS-232/422/485 RJ-45 x 2 for 10/100/1000 Base-TX DB-15 x 1 for VGA 3-pin terminal block x 1 for 9~30 Vdc power input LED Power on/off switch x 1 (Power on = Orange, Power off =N/A)
Storage Disk Drive	CFast™ x 1, 2.5" SATA HDD bay x 1
Expansion Slot	Mini card x 2 (Full size x 2) SIM card x 1 OMNI I/O connector x 1
OS Support	Windows® 7, Windows® 8, Windows® 10, Linux Kernel 2.6.x or higher
Construction	Aluminum design
Mounting	Wallmount
Dimension	7.2" x 6.38" x 1.1" (183mm x 162mm x 28mm)
Gross Weight	3.96 lb (1.8 kg)
Operating Temperature	14°F ~ 131°F (-10°C ~ 55°C) (J1900) 14°F ~ 140°F (-10°C ~ 60°C) (N2807) with 0.5 m/s airflow (CF & HDD)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Storage Humidity	90% @40°C; non-condensing
Anti Vibration	1 Grms/ 5~ 500Hz/ operation – with HDD
Anti-Shock	15 G peak acceleration (11 msec. duration) – HDD
Certification	CE/FCC class A
DC Input	DC 9 (min.) ~ 30 (max.) V w/3-pin terminal block, ATX Power function
Display Type	HDMI x 1, VGA
Others	Box Bottom Chassis Cover (optional): M0421550A0

OMNI-BT CPU BOX Kit

Dimension

Unit: mm



Ordering Information

Part Number	CPU	LAN	USB 3.2 Gen 1	USB 2.0	RS-232	RS-232/422/485	Storage	RAM	Display	Expansion	Power	Operating Temp.
OMNI-BT-KIT-A1-1010	Intel® Celeron® J1900, 2 GHz	2	1	3	—	1	CFast™ x 1 2.5" SATA HDD x 1	DDR3L, up to 8 GB	VGA x 1	Mini-Card x 2 (Full Size) OMNI Module	DC 9~30V	-10°C ~ 55°C with airflow
OMNI-BT-KIT-A2-1010	Intel® N2807, 1.58 GHz	2	1	3	—	1	CFast™ x 1 2.5" SATA HDD x 1	DDR3L, up to 4 GB	VGA x 1	Mini-Card x 2 (Full Size) OMNI Module	DC 9~30V	-10°C ~ 60°C with airflow

Packing List

- Phoenix Power Connector
- OMNI-BT CPU BOX Kit

Optional Accessories

- **AP-OT9789LA1000**
LCD monitor Stand 230mm, LA-100
- **1702031802**
Power Cord (US Type)
- **1702031803**
Power Cord (European Type)
- **M0421550A0**
OMNI BOX Bottom Cover
- **170203180E**
Power Cord (Japanese Type)
- **1255900849**
(TF)Adapter.AC/DC.Input 90V~264V.
Output 12V/84W.3p phoenix.FSPFSP084-DHAN3(9NA0840718)
- **1700021500**
Remote Switch Cable, 150 cm

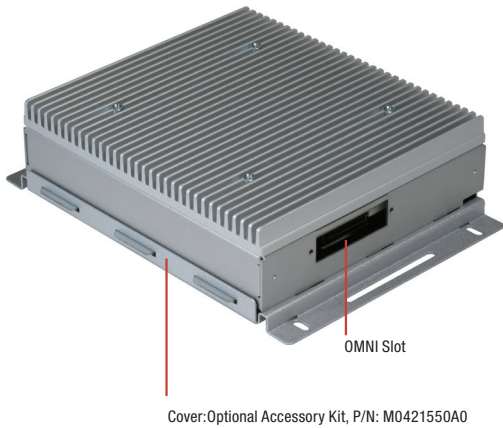
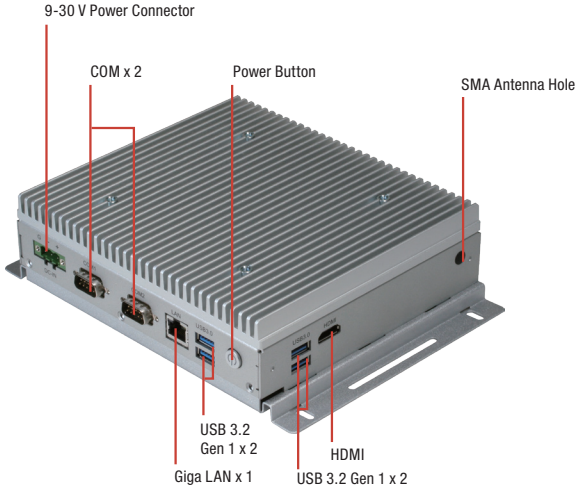
Wide Temperature DRAM

- **9761215500**
2GB Wide Temperature DRAM (-40°C ~ 95°C)
 - **9761215501**
4GB Wide Temperature DRAM (-40°C ~ 95°C)
 - **9761215502**
8GB Wide Temperature DRAM (-40°C ~ 95°C)
- **Users should select the wide temperature DRAM above and use wide temperature storage devices if the OMNI panel pc is to be operated at over 40°C.

OMNI-SKU CPU-BOX Kit

OMNI Series Modules- CPU BOX Kit

OMNI Series : Modular Builder - BOX Kit



Features

- Intel® Core™ i7-6600U, i5-6300U, i3-6100U, Celeron® 3995 Processor
- 10/100/1000 Base-TX RJ-45 Port x 1
- RS-232/422/485 x 2
- USB 3.2 Gen 1 x 4
- Aluminum Design
- Fanless Operation
- DC 9~30V



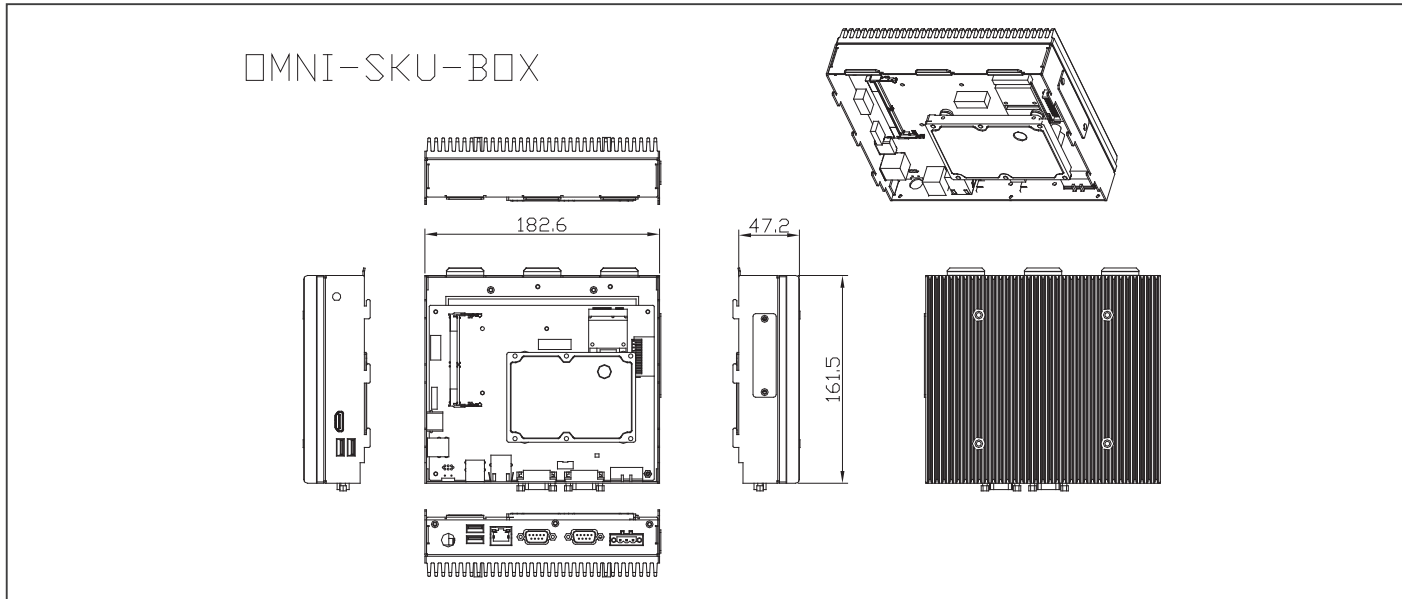
Specifications

System	
Processor	Intel® Core™ i7-6600U, i5-6300U, i3-6100U, Celeron® 3995 Processor
System Memory	260-pin DDR4 SODIMM x 1, Max. 16GB
LCD CRT Controller	Integrated in processor
Ethernet	Gigabit Ethernet, RJ-45 x 1
I/O Port	USB Type A x 4 for USB 3.2 Gen 1 RJ-45 x1 for GbE LAN DB-9 x 2 for RS-232, DB-9 x 1 for RS-232/422/485 Power input connector, Power ON/OFF Switch x 1, antenna hole HDMI x 1 3-pin terminal Power input x 1
Storage Disk Drive	2.5" SATA HDD bay x 1
Expansion Slot	Full size mini card x 1 SIM card x 1 OMNI I/O connector x 1
OS Support	Windows® 10 (64-bit), Linux kernel 2.6.3 or above
Construction	Aluminum design
Mounting	Wallmount (with optional Bottom cover: M0421550A0) / with OMNI-Panel Kits
Dimension	7.2" x 6.38" x 1.77" (183mm x 162mm x 45mm)
Gross Weight	3.96 lb (1.8 kg)
Operating Temperature	-4°F ~ 131°F (-20°C ~ 55°C)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Storage Humidity	90% @40°C; non-condensing
Anti Vibration	1 Grms/ 5~ 500Hz/ operation – with HDD
Anti-Shock	15 G peak acceleration (11 msec. duration) – HDD
Certification	CE/FCC class A
DC Input	DC 9 (min.) ~ 30 (max.) V w/ 3-pin terminal block, ATX Power function
Display Type	HDMI x 1
Others	Box Bottom Chassis Cover (optional): M0421550A0

OMNI-SKU CPU-BOX Kit

Dimension

Unit: mm



Ordering Information

Part Number	CPU	LAN	USB 3.2 Gen 1	USB 2.0	RS-232	RS-232/422/485	Storage	RAM	Display	Expansion	Mounting	Power	Operating Temp.
OMNI-SKU-KIT-A1-1110	Intel® i5-6300U Processor	1	4	—	—	2	2.5" SATA HDD x 1	DDR4, up to 16GB	HDMI x 1	Mini-Card x 1 (Full Size) OMNI Module	Wallmount	DC 9~30V	-20°C ~ 55°C with airflow
OMNI-SKU-KIT-A2-1110	Intel® C-3955U Processor	1	4	—	—	2	2.5" SATA HDD x 1	DDR4, up to 16GB	HDMI x 1	Mini-Card x 1 (Full Size) OMNI Module	Wallmount	DC 9~30V	-20°C ~ 55°C with airflow
OMNI-SKU-KIT-A3-1110	Intel® i7-6600U Processor	1	4	—	—	2	2.5" SATA HDD x 1	DDR4, up to 16GB	HDMI x 1	Mini-Card x 1 (Full Size) OMNI Module	Wallmount	DC 9~30V	-20°C ~ 55°C with airflow
OMNI-SKU-KIT-A4-1110	Intel® i3-6100U Processor	1	4	—	—	2	2.5" SATA HDD x 1	DDR4, up to 16GB	HDMI x 1	Mini-Card x 1 (Full Size) OMNI Module	Wallmount	DC 9~30V	-20°C ~ 55°C with airflow

Packing List

- Phoenix Power Connector
- OMNI-SKU CPU BOX Kit

Optional Accessories

- **1702031802**
Power Cord (US Type)
- **M0421550A0**
OMNI BOX Bottom Cover
- **1702031803**
Power Cord (European Type)
- **170203180E**
Power Cord (Japanese Type)