

SYSTIUM® MODEL 526E uATX

CONVERTIBLE MICRO-TOWER/DESKTOP



The Systium® Model 526E is a small form factor uATX compliant convertible Micro-Tower/Desktop. The unique, long life design allows for the operation of the system in a vertical or horizontal configuration. The 526's unique form factor, convertibility and hidden CDROM makes this product a perfect choice for OEM applications without that "PC" look. CSA-UL, FCC-CE Certifications make this your perfect choice. Available with or without certifications.

- **Motherboards:** ITX, uATX
- **Power Supply:** 350W 80PLUS PSU- PFC (Optional 450W)
- **Drives: External** 1- 5.25", 1- 3.5"
- **Drives: Internal** 1- 3.5" Drive Bay (2nd w/ bracket option)
- **Add in Cards:** 4- Expansion Slots, Full height Full Length
- **Cooling:** 2- Rear 60mm Fans
- **Front Panel:** Power switch , 2 USB ports
- **Front Panel Indicators:** Power, HDD status LEDs
- **Unit Dimensions:**

	<u>H</u>	<u>W</u>	<u>D</u>
<u>Weight</u>	13"	5.4"	15.5"
	(329mm)	(136mm)	(394mm)
<u>w/packaging</u>	18.25"	9.75"	19.25"
	(463mm)	(247mm)	(489mm)

Finish

Black
52603E-00R

Cool Gray
52604E-00R

Options:

Fan filter, extra USB ports

Wall Mount Kit



Spare Drive Bracket



- **Certification** FCC Class B, CSA and CE approvals are available when the unit is integrated according to the Model 526 Assembly Guide included with the product. 526xx-xxR
 - **Approved Motherboards:** BCM®, ITOX®, Intel®, RadiSys®
- For a complete list of system engineered and agency approved motherboards please visit our website.*

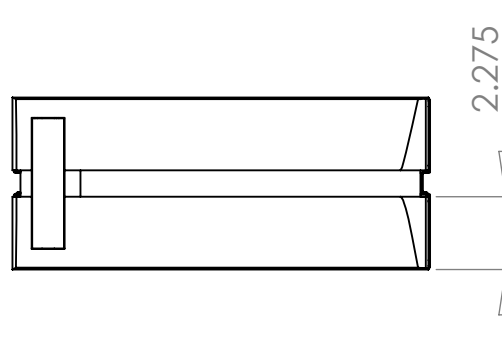
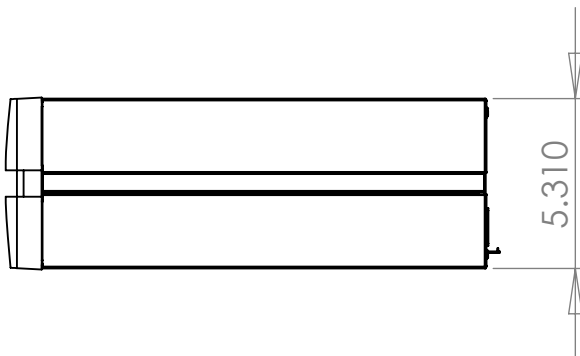
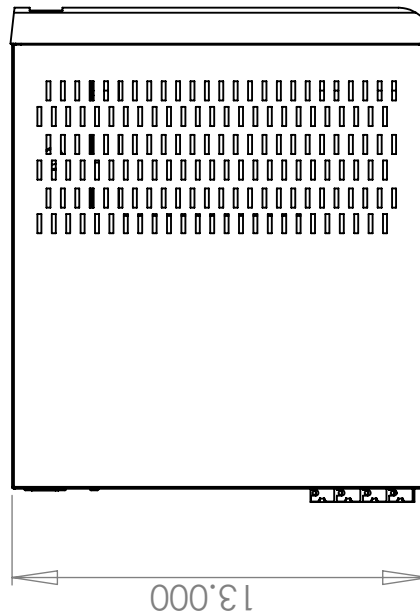
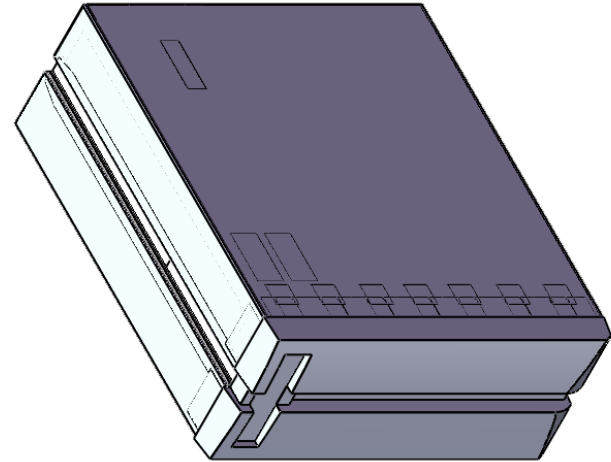
Systium® Technologies
MotherBoard Ready™ Solutions

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*Please contact your local Systium
Distributor for more information.
See www.systium.com*

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DRAWN		NAME DSC	DATE 11/24/2009	Systium Technologies, LLC	
PROPRIETARY AND CONFIDENTIAL				TITLE: MODEL 526	
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SCALE: 1:6		WEIGHT:		SHEET 1 OF 1	

SySTIUM® Power Supply

350W, PFC, 80PLUS

SySTIUM® Technologies Power Supplies are made for embedded applications requiring certifications and long life. We understand the critical function power supplies provide. Our Standards of Excellence are stringent; 24/7/365 for 5 years.

SySTIUM® Technologies is your trusted source for Power Supplies.



FEATURES

- SFX Form Factor
- Active Power Factor Correction (PFC)
- High efficiency and reliability
- Low Noise and Ripple
- Output over voltage, short circuit, and over power protection
- Reset after shutdown
- Super low noise fan control
- Internal Fan, 80X15mm 12VDC
- 100% Hi-pot test
- 100% burn-in, high temperature cycled on/off

EMC:

Complies to EN55022:2010 CLASS B,
FCC Part 15 & Part 2, CISPR22 Class B

SAFETY:

UL, CCC, BSMI, NEMKO, IEC60950,
UL60950, CE

LONG LIFE
QUALITY

EMBEDDED
CERTIFIED

Power Supply

350W, PFC, 80PLUS

OUTPUT VOLTAGE AND CURRENT RATING

Output Voltage	Min. Load	Normal Load	Max. Load	Peak	Load Reg.	Line Reg.	Ripple & Noise
+3.3V	0.5A	10A	20A		± 5%	± 1%	70mV P-P
+5V	0.5A	11A	22A		± 5%	± 1%	70mV P-P
+12V1	1A	7A	14A		± 5%	± 1%	140mV P-P
+12V2	1A	8A	16A	19A	± 5%	± 1%	140mV P-P
-12V	0.0A	0.25A	0.5A		± 10%	± 1%	140mV P-P
+5Vsb	0.0A	1.25A	2.5A	3A	± 5%	± 1%	70mV P-P

1. +3.3V & 5V total output not to exceed 125W
2. Total output continuous shall not exceed 350W watts.
3. +12V2 Peak current is 19A (less than 10m Sec.) min voltage during peak is >10.8Vdc.
4. 5Vsd Peak current is 3A (less than 500m Sec.) minimum voltage during peak is >4.5Vdc.

SPECIFICATIONS

Wattage: 350W

Input Voltage Range: 90 ~ 264Vac (RMS), Full Range Input

Hold-up Time: 24mSec 115V & 230V

Power Factor Correction: 99% typical

Frequency: 47 ~ 63Hz

Input Current: 5A (RMS)

Dimensions

- Length: 100mm (3.9")
- Width: 125mm (4.9")
- Height: 64mm (2.5")

ENVIRONMENTAL REQUIREMENTS

Temperature:

-Operating: 10°C ~ +50°C

-Storage & Shipping: -20°C ~ +80°C

Humidity:

-Operating: 5 ~ 95% RH, Non-condensing

-Storage: 5 ~ 95% RH, Non-condensing

MTBF: 100,000 hours @ Typical load at +25°C

Note: excluding DC fan

80PLUS:

- Efficiency: 81% at typical load (AC 115V)
- Standby Power Consumption: <1W@5Vsb/100mA
- Erp Lot: <0.5W

CONNECTORS

1X	20pin + 4pin	
1x	4pin 12V	
2x	4pin Power, Peripheral	
2x	SATA	
2x	SATA	