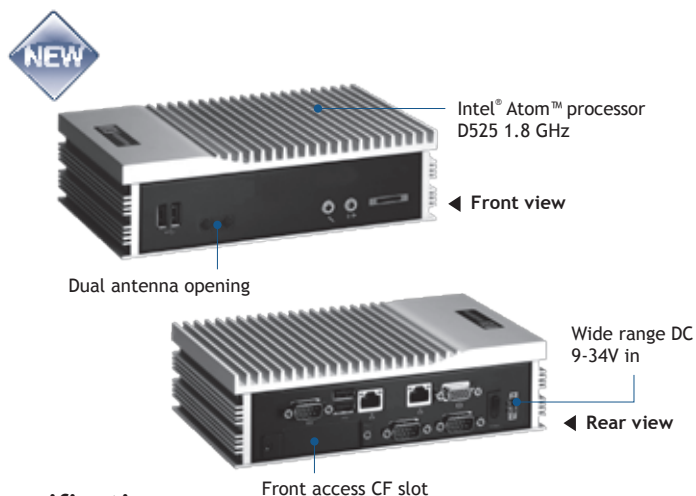


# eBOX621-801-FL

Fanless Embedded System with Intel® Atom™ Processor D525  
1.8 GHz and 9 ~ 34V<sub>DC</sub> Input



## Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ processor D525 1.8 GHz dual core
System Memory	1 x 204-pin DDR3-800 SODIMM max. up to 4 GB
Chipset	Intel® ICH8M
BIOS	AMI
System I/O Outlet	1 x RS-232/422/485 (COM 1) 2 x RS-232 (COM 2/3) 1 x VGA 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000Mbps Ethernet 4 x USB 2.0 2 x SMA type connector opening for antenna 1 x V <sub>DC</sub> power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1 - 255 sec.
Storage	Supports 1 x 2.5" SATA HDD drive bay Supports 1 x CompactFlash™
Expansion Interface	1 x PCI Express Mini Card (USB+PCI Express signal) 1 x internal USB WiFi mounting space
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	9-34V <sub>DC</sub> -in 42.5W
Operating Temperature	-10°C ~ +55°C (14°F ~ 131°F) (with 1.8 GHz CPU, W.T. HDD)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90% , non-condensing
Vibration Endurance	2 Grms w/ CF (5-500Hz, X, Y, Z directions)
Dimensions	200mm (7.87") (W) x 120mm (4.72") (D) x 56mm (2.2") (H)
Weight (net/gross)	1.98 kg (4.36 lb)/2.6 kg (5.73 lb)
Certification	CE
EOS Support	XPE, WinCE, Linux

\* XPE: Windows® XP Embedded

## Packing List

1 x quick manual
1 x driver CD
1 x screw pack
4 x foot pad
2 x thermal Pad
1 x power adapter
2 x CF mylar
1 x HDD Mylar

## Features



- Intel® Atom™ processor D525 1.8 GHz onboard
- Intel® ICH8M chipset
- 1 RS-232/422/485 and 2 RS-232 ports
- Fanless operation design with full feature I/O
- High performance DDR3-800 SODIMM max. up to 4 GB
- One 2.5" SATA drive bay and one CompactFlash™ 2.0 slot
- 9-34V<sub>DC</sub> wide range DC input

## Power Protection

### AC Version

OVP (over voltage protection)	OCP (over current protection)
SCP (short circuit protection)	

## Ordering Information

Standard	
eBOX621-801-FL -D525-1.8G	Fanless embedded system with Intel® Atom™ processor D525 1.8 GHz, VGA, 2 10/100/1000Mbps, 3 COM, 4 USB, CF & HDD support and 9 - 34V <sub>DC</sub> input
Optional	
2.5" SATA HDD	40 GB or above
DDR3 SODIMM	512 MB or above
CompactFlash™	256 MB or above
Wifi+Bluetooth	82231560120E
USB Wifi	82606200170E
GPS module	826K3101030E
Graphic accelerator codec module	849XM100000E

\*Specifications and certifications are based on options and may vary.