

# UP fanless box PC

## UP-GWS01



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UP fanless BOX PC is an ultra-compact industrial computer powered by an Intel® Atom™ x5-Z8350 Quad-Core 1.44/1.92Ghz 64 bit CPU with memory up to 4GB RAM, storage up to 64 GB eMMC, on board, 4 USB 2.0, 1 USB 3.0 OTG, 1Gbit Ethernet, HDMI. With WiFi and bluetooth module expansion, you can easily turn it to an IoT gateway, further more you can deploy different operation system such as Ubilinux, Ubuntu, Yocto, Windows 10 IOT Enterprise and Android 6.0. Ready to bring it to your embeded solution? UP fanless box PC provides product longevity till year 2020 and various mounting kit to fit your field application.

### UP-GWS01 general features

Processor	Intel® Atom™ x5-Z8350 (2M Cache, 1.44 GHz up to 1.92 GHz) 64 bit
System Memory	Onboard DDR3L memory up to 4GB
Graphics	Intel® HD 400 ,12 EU GEN 8, up to 500MHz *
Ethernet	1x Giga LAN
I/O Port	4x USB 2.0, 1x USB 3.0, 1x HDMI
Storage	Onboard eMMC up to 64GB
Wi-Fi(Optional)	IEEE 802.11 b/g/n
Bluetooth (optional)	Bluetooth 4.0
Dimension	95x91x37 (WxLxH)mm
OS support	Windows 10, Ubilinux / Ubuntu Linux / Yocto Linux, Android 6.0
Power Supply(Optional)	5V@4A DC-IN
Mounting (optional)	VESA mounting (75/100) ; DIN RAIL mounting
Operation Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 70°C
Storage Humidity	95% @ 40°C, non-condensing
Anti-Vibration	5 Grms/ 5 ~ 500Hz/ operation
Certificate	CE/FCC Class A, RoHS

\* Support DX\*11.1/12, Open GL\*4.2, Open CL\*1.2 OGL ES3.0, H.264, HEVC(decode), VP8

Part number :

UP-GWS01-A10-1432	UP fanless box PC Intel® Atom™ x5-Z8350 QuadCore, 4GB RAM, 64 GB eMMC with VESA mounting kit
UP-GWS01-A10-0432	UP fanless box PC Intel® Atom™ x5-Z8350 QuadCore, 4GB RAM, 64 GB eMMC w/o VESA mounting kit
UP-WIFIKIT-A10-7001	WiFi kit for UP fanless BOX PC
OPT-UP-PSU-003	DC Power Adpapter 5V4A REACH