# **VBOX-3200-IP65**

### AMD G-T56N Dual Core APU with Radeon HD 6320 IP65 On-Board Computer





**Delay Time** 



Power Ignition



Wide Range



Wireless





## **Features**

- AMD G-T56N Dual Core APU with HD 6320
- Wireless Support LTE, 3.5G, WLAN, GPS, GSM/GPRS, Bluetooth
- 9V 32V DC Power Input
- Smarter Vehicle Power Ignition for Variety Vehicle
- 4 x DI / 2 x DO with Relay 12V / 80mA
- IP65 Level for Water and Dust Proof

#### Taiwan Patent No. M447854 Taiwan Patent No. M448011

System	
CPU	AMD G-T56N Dual Core 1.65GHz
	AMD G-T40E Dual Core 1.0GHz (Optional)
	AMD G-T48E Dual Core 1.4GHz (Optional)
Memory	2 x DDR3 1333MHz SO-DIMM up to 8GB
Chipset	AMD A50M Controller Hub
LAN Chipset	2 x Realtek RTL8111E Gb/s Ethernet Onboard
	Support PXE and Wake On Lan
Audio	Realtek ALC662 HD Codec Onboard
Watchdog	1 ~ 255 Level Reset

I/O	
Serial Port	2 x RS-232 with RS-422/485 (Auto Direction Control)
USB Port	4 x USB 2.0 Ports on Front I/O
LAN	2 x M12 Connectors for GbE
Video Port	1 x DVI-I*
DIO Port	4 in and 2 out with Relay 12V / 80mA
Audio	1 x Line-out, 1 x Mic-in and 1 x Line-in
SIM Card Socket	2 x SIM Card Sockets Supported Onboard
* Use only with Sing	le Link DVI Cables.

#### **Graphics**

Graphics	AMD G-T56N Radeon HD 6320
	UVD3 Hardware Video Decoder - MPEG2, MPEG4, H.264
Resolution	Up to 2560 x 1600 @85Hz

#### **Power Requirement**

	Patent No. : M447854 - Build-in Battery
Battery (UPS)	Internal Battery Kit for 10 Mins Operating (Optional)
Power Off Control	Power off Delay Time Setting by Software, Default is 5 Mins
Power Management	Vehicle Power Ignition for Variety Vehicle
Power Protection	Automatics Recovery Short Circuit Protection
Power Input	9V - 32V DC Power Input

#### **Storage**

Туре	1 x 2.5" Drive Bay for SATA Type Hard Disk Drive / SSD
	1 x SATA DOM

#### Qualification

ance
ar

#### **Environmental**

Operating Temp.	-40 ~ 70°C (SSD), ambient w/ air
Storage Temp.	-40 ~ 80°C
Relative Humidity	10 ~ 95% (non-condensing)
IP Rating	IP65
Vibration(random)	2.5g@5~500 Hz with SSD
Vibration Operating	g MIL-STD-810G, Method 514.5, Category 20,
	Ground Vehicle-Highway, EN61373
Truck Storage	Ground Vehicle-Highway, EN61373  MIL-STD-810G, Method 514.5, Category 24, Integrity Test
Truck Storage Shock	
	MIL-STD-810G, Method 514.5, Category 24, Integrity Test
	MIL-STD-810G, Method 514.5, Category 24, Integrity Test Operating: MIL-STD-810G, Method 516.5, Procedure I,

#### Mechanical

Construction	Aluminum Alloy
Mounting	Supports Both of Wall-mount/VESA-mount
Weight	1780 g (Barebone)
Dimensions	250 x 150 x 55 mm

#### **Ordering Information**

Part Number	763200011013
Description	AMD G-T56N Dual Core APU with Radeon HD 6320 IP65
	On-Board Computer