

ABOX-5000-V8

Intel 6th-Gen Skylake Core i7/i5/i3 CPU w/ 4 x GbE/ 4 x ISO COM/ 2 x DP/ VGA/ 4 USB3.0/
Fast Expansable Slot/ 8 x D1 Video Input/
9-36V Fanless computer

Features

- Intel® 6th-Gen Core™ i7/i5/i3 LGA1151 CPU
- 4 x RS 232/422/RS485 with 1.5KVrms isolated
- 8 x GPI and 4 x GPO with 1.5KVrms isolated
- 8 x D1 Video Input Camera
- Dual Hot Swappable SATA Storage
- 9-36V DC input and operating Temp.: -40 ~ 70°C
- Fast Expansable Slot support PCI-E, USB, SMBus, GPIO and SATA

Taiwan Patent No. M447854

Taiwan Patent No. M448011

System		
CPU	Intel Gen6 Core i7-6700TE (Optional for i7/i5/i3/Celeron)	
Memory	2 x DDR4 2133 MHz SO-DIMM up to 32GB	
Chipset	Intel® Q170 Platform Controller Hub	
LAN Chipset	3 x Intel i210-AT and 1 x i219LM (iAMT9.5 w/ i5, i7 only) Gb/s Ethernet Controllers Onboard Support PXE and WOL	
Watchdog	1 ~ 255 Level Reset	
I/O		
Serial Port	4 x RS 232/422/485 w/1.5KVrms isolation (Auto Direction Control)	
USB Port	4 x USB 3.0 Ports	
LAN	4 x RJ45 Ports for GbE (Optional for 4-8 x POE 15.4W per port)	
Video Port	2 x Display Port and 1 x VGA Port (Triple Independent Display)	
DIO Port	8 x GPI and 4 x GPO connector w/1.5KVrms isolation	
Audio	1 x Line-out and 1 x Mic-in (Line-in Optional)	
Expansion Bus	2 Full and 1 Half Mini-PCIe Slot (2 x SIM Card Socket for 3G/LTE)	
FES Expansion	Support PCI-E, USB, SMBus, GPIO and SATA	
DVR Specification		
Video Input	8 CH (8 x BNC Connectors)	
Video Recording	Total 240FPS (NTSC), 200FPS (PAL) @ D1 Real-Time	
Video Display	Total 240FPS (NTSC), 200FPS (PAL) @ D1	
Resolution (S/W MPGE4 or H.264)	NTSC	PAL
	720x480@30FPS	720x576@25FPS
	704x480@30FPS	704x576@25FPS
	640x480@30FPS	640x576@25FPS
	720x240@30FPS	720x288@25FPS
	704x240@30FPS	704x288@25FPS
	640x240@30FPS	640x288@25FPS
	360x240@30FPS	360x288@25FPS
	352x240@30FPS	352x288@25FPS
320x240@30FPS	320x288@25FPS	
Audio Input	8CH	
Audio Format	MONO / 8 ~ 16BITS / 8000 ~ 48000HZ	



Delay Time



Power Ignition



Wide Range



Wireless



Battery Backup

Storage	
Type	2 x 2.5" Drive Bay for SATA Type HDD/SSD, Support RAID 0, 1 1 x SATA DOM
Power Requirement	
Power Input	9V - 36V DC Power Input
Power Protection	Automatics Recovery Short Circuit Protection
Power Management	Vehicle Power Ignition for Variety Vehicle
Power Off Control	Power off Delay Time Setting by BIOS and Software
Battery(UPS)	Internal Battery Kit for 10 Mins Operating (Optional) Patent No. : M447854 - Build-in Battery
Environmental	
Operating Temp.	-40°C ~ 70°C (Default CPU 35Watt), ambient w/ 0.6m/s airflow
Storage Temp.	-40°C ~ 80°C
Relative Humidity	0% RH - 95% RH
Vibration (random)	IEC60068-2-64, random, 2.5G@5-500Hz, 1hr/axis with SSD
Vibration Operating	MIL-STD-810G, Method 514.6, Procedure I, Category 4
Shock	Operating: MIL-STD-810G, Method 516.6, Procedure I, Trucks and semi-trailers=15G (11ms) with SSD
Certifications	CE, FCC Class A
Mechanical	
Construction	Aluminum Alloy
Mounting	Wall-mount, VESA-mount, Din Rail Mounting Kit
Weight	3860g (Barebone)
Dimensions	240(L) x 226(W) x 79(H) mm
Ordering Information	
Part Number	ABOX-5000-V8 Optional for i5S/i3S/C1S
Description	Intel 6th-Gen Skylake Core i7/i5/i3 CPU w/ 4 GbE/ 4 ISO COM/ 2 DP/ VGA/ 4 USB 3.0/ Fast Expansable Slot/ 8 x D1 Video Input/ 9-36V Fanless Computer
State of Origin	Made in Taiwan

