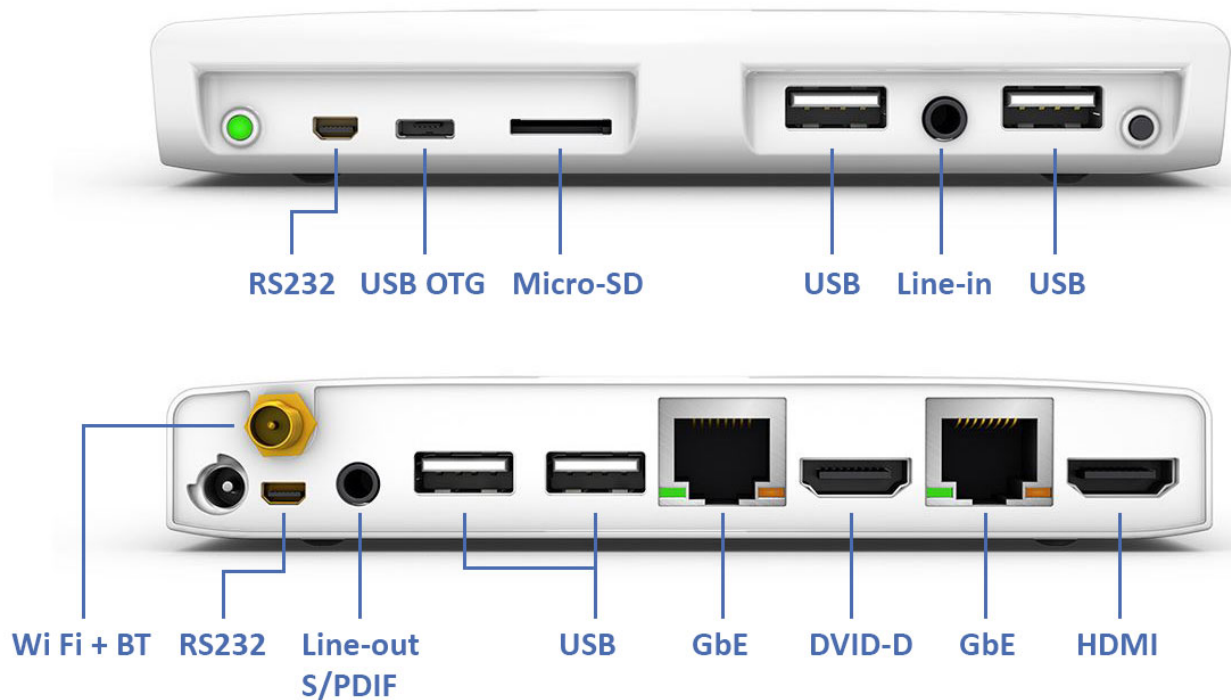


utilite



specifications

Utilite



Overview

Utilite is a fanless ARM Cortex-A9 computer delivering high performance and rich I/O in a tiny form-factor. Utilite is offered with fully featured, desktop-grade Ubuntu Linux or Android operating systems delivering rich multimedia and PC-like user experience.

Powerful multimedia

With dual-head 1080p display output and high-performance, multi-stream video playback capabilities fully supported with the Linux GStreamer framework Utilite is a powerful platform for rich multimedia applications such as **digital signage**, **IPTV** and **media players**.

Rich connectivity

Two GbE ports, WiFi 802.11b/g/n and Bluetooth 3.0 along with fully flexible software architecture make Utilite an excellent choice for custom network appliance applications such as **network security**, Linux **gateway/router** and advanced **networking servers**.

Efficient computing

Low price, tiny form-factor and low power consumption make Utilite efficient in every way possible. Measuring just 135mm x 100mm x 21mm Utilite is highly suitable for space-constrained installations. Drastically reducing cost of ownership comparing to traditional PC systems, Utilite is an attractive solution for cost sensitive computing applications such as **thin-client**, **server appliance** and small-footprint **desktop replacement**.

Industrial build quality

Utilite has been designed for reliability and 24/7 operation. All electronic components used in Utilite are embedded grade with long term availability and are RoHS compliant. High build quality and support for extended temperature range make Utilite an excellent platform for industrial and outdoor installations.

Specifications & Utilite Models

System	Value	Standard	Pro
CPU	Freescle i.MX6 single-core Cortex-A9 @1GHz	Freescle i.MX6 dual-core Cortex-A9 @1GHz	Freescle i.MX6 quad-core Cortex-A9 @1.2GHz
Memory	512MB DDR3-1066 (soldered on-board)	2GB DDR3-1066 (soldered on-board)	
Storage	Micro-SD 4GB	Micro-SD 8GB	SATA SSD 32GB Micro-SD socket

Display & Graphics	Value	Standard	Pro
GPU	Graphics Processing Unit supporting OpenGL ES 1.1 and 2.0, OpenVG 1.1 and OpenCL EP Video Processing Unit supporting multi-stream 1080p H.264, VC1, RV10, DivX HW decoding		
Display	HDMI 1.4 max resolution 1920 x 1200	Dual Head HDMI + DVI	
		Primary: HDMI 1.4 max resolution 1920 x 1200 Secondary: DVI-D max resolution 1920 x 1200	

Input / Output	Value	Standard	Pro
Audio	S/PDIF 5.1 (electrical through 3.5mm jack) Stereo line-out, Stereo line-in		
LAN	1 x 1000 BaseT Ethernet port	2 x 1000 BaseT Ethernet ports	
USB	Four USB 2.0 standard A type connector – max current 1A per port USB OTG micro-USB connector		
RS232	Two RS232 serial ports, ultra mini serial connector		
WiFi	-	802.11b/g/n Wi-Fi, single antenna	
Bluetooth	-	Bluetooth 3.0	

Mechanical / Environmental	Value	Standard	Pro
Supply Voltage	Unregulated 10 to 16 volt input		
Power Consumption	4W – 6W (depending on system load)	4W – 8W (depending on system load)	
Operating Temperature	Commercial: 0°C – 45°C Extended: -20°C – 60°C		
Dimensions	135mm x 100mm x 21mm 5.3" x 3.9" x 0.8"		



In the Box

Item	Value	Standard	Pro
Unit	Utilite Value PN: UTL-C1000-D512-NS4-E1	Utilite Standard PN: UTL-C1000DM-D2G-NS8-E2-LD-WB	Utilite Pro PN: UTL-C1200QM-D2G-ND32-E2-LD-WB
Power Supply	Power supply – Input 100-240V AC 50/60Hz – output 12V DC 1.5A North-American plug European plug		
Accessories	Micro-SD 4GB		-
	Mini-serial to DB-9 male adapter		
	-	WiFi antenna	
	-	3.5mm to RCA cable	
	User's Guide		

Mechanical Drawing

