CENTAURI 200

ACL Digital
an ALTEN group company

TECHNICAL SPECIFICATIONS

CPU	Processor: Technology: OS Support:	i.MX6UL/6ULL/6ULZ(528 MHz to 900 MHz) ARM® Cortex®-A7 Yocto Warrior Linux, CENTAURI Framework, Node JS, Python, Docker, OpenWRT*
Radio Interfaces	Thread (^): Zigbee®(^): Z-Wave(^): IEEE 802.15.1: Wi-Fi: LTE:	NXP KW41Z NXP JN5169/79/Silabs EFR32MG12P /Silabs MGM210P Silabs ZGM130S(700 Series) Nordic nRF52840 Broadcom Wi-Fi 802.11 b/g/n And IEEE 802.15.1 or Broadcom Wi-Fi 802.11a/b/g/n/ac And IEEE 802.15.1 Quectel EG91 (IoT/M2M Optimized LTE Cat 1) or Quectel BG95 (LTE Cat M1/Cat NB2/EGPRS) or Quectel BG96 (LTE Cat M1/Cat NB1/EGPRS) or Quectel EG95 (LTE Cat1) or Quectel EG95-NA LTE (CAT 4)
Connectivity	Cloud: Compatible:	IoTify, AWS IoT, Ayla Networks, IBM BlueMix*, and Microsoft Azure* Any other MQTT or CoAP based cloud
General	Dimensions: Weight: Temperature: Mounting: IP Rating:	(150 L x 100 W x 30 H)mm 304 gm (0.67 lbs) Commercial (0°C to +60°C) and Industrial (-20°C to +75°C) Desktop, Wall, and DIN rail IP 41 or IP 65
Memory	Data (DDR3L): Program Memory:	256MB (Upgradable to 1GB) 128MB NAND Flash (Upgradable to 4GB) or 4GB eMMC (Upgradable to 32GB)
I/O Interfaces	USB: CAN: RS485/RS232: LED: User Button: Ethernet:	Type-A USB Host or Device Yes Yes (Any one) 2 LEDs (Programmable), 1 LED (Power) 2 Buttons (Programmable) 2 Ports 10/100 Mbps (1 Port POE)
Electric	DC Power: Terminal: POE:	Input: 5V DC Current – Maximum: 3A 9V to 27V 802.3af
Security	Software: Hardware:	SNVS, Trust Zone, and Secure Boot (HABv4) A7101CHTK2 (Encryption)
Certification	RoHS, REACH: CE,FCC,IC,UL: LTE carrier:	Compliant Pre-certified (Formal Certification Pending) Verizon Cat 1/Cat M1 for USA

Note: "^" - Maximum two radios from this list

ACL Digital is a design-led Digital Experience, Product Innovation, Engineering and Enterprise IT offerings leader. From strategy, to design, implementation and management we help accelerate innovation and transform businesses. ACL Digital is a part of ALTEN group, a leader in technology consulting and engineering services.

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