Comparison between RTCU LX4 pro and the RTCU DX4i pro 3G

FEATURES	RTCU LX4 pro	RTCU DX4i pro 3G
Execution Architecture:	NX32L (Linux based)	X32
RTCU M2M Platform SDK for user programs/modules in C	✔	✖
Processor and Storage		
Processor	Cortex A7 @ 800 Mhz	ARM7 @ 48 Mhz
Hardware floating point	✔	✖
Performance	>700 DMIPS	~40 DMIPS
RAM	128 MB	1 MB
Internal flash drive capacity (typical)	64 MB	4 MB
Datalogger capacity	32 MB	1 MB
Persistent DataFlash	7.5 MB	3.5 MB
Security		
Embedded firewall/router	✔	✖
TLS/SSL support with full certificate management	✔	✖
RTCU Communication Hub - Secure connection	✔	✖
Hardware assisted encryption/authentication	✔	✖
Cellular Engine	LTE Cat. 4 (4G)	UMTS (3G)
True worldwide coverage	✔	✖

Comparison between RTCU LX4 pro and the RTCU DX4i pro 3G

FEATURES	RTCU LX4 pro	RTCU DX4i pro 3G
SIM-Card reader	Internal	External
Audio system	Fully Digital	✖
I/O Sub-system		
Dedicated supply for the digital outputs	✔	✖
Analog outputs (0..10V / 0..20 mA)	2	4
Analog input/output accuracy	0.5% FSR @ 25C	1.5% FSR @ 25C
Wired Communication		
Ethernet interface	100 Mbps	✖
Wired M-Bus Master with up to 20 slaves	✔	✖
CAN Bus	✖	✔
Dedicated RS232 ports	1 (with RTS/CTS)	2
RS232 extended control signals - DSR/DCD/DTR	✖	✔
Dedicated RS485 ports	2	1
Shared RS485 ports	0	1
USB service port	High-speed link	UART based link
Options		
Wireless M-Bus interface	✔	✖

Comparison between RTCU LX4 pro and the RTCU DX4i pro 3G

FEATURES	RTCU LX4 pro	RTCU DX4i pro 3G
Support for external UART based Camera	✘	✔
Power		
DC-Out 3.3DC	✘	✔
Mechanical		
RS232 physical connector	Main connectors	RJ45 / TYCO
Display	Black-on-Green	White-on-blue
Features that are common to both devices are not listed.		