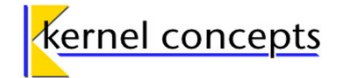


	TX28	TX6UL		TX6S		TX6DL		TX6Q	
Order number	TX28-4031	TXUL-5010	TXUL-5011	TX6S-8034/8134	TX6S-8035/8135	TX6U-8030/8130	TX6U-8033/8133	TX6Q-1030/1130	TX6Q-1036
CPU	i.MX287	i.MX6G2	i.MX6G2	i.MX6S7	i.MX6S7	i.MX6U7	i.MX6U7	i.MX6Q5	i.MX6Q5
Maximum clock	454MHz	528 MHz	528 MHz	800MHz	800MHz	2x800MHz	2x800MHz	4x1GHz	4x1GHz
Core	ARM-9	Cortex-A7™		Cortex-A9™		Dual Cortex-A9™		Quad Cortex-A9™	
Main memory	128MB	256MB	256MB	256MB	512MB	1GB	1GB	1GB	1GB
Type	DDR2	DDR3							
Main memory bus width	16 bit	16 bit	16 bit	16 bit	32 bit	64 bit	64 bit	64 bit	64 bit
NAND flash	128MB	128MB	4GB eMMC	128MB	4GB eMMC	128MB	4GB eMMC	128MB	8GB eMMC
Power supply / PMIC	integrated	RN5T567	RN5T567	RN5T567	RN5T567	RN5T567	RN5T567	RN5T567	RN5T618
Real Time Clock (RTC)	DS1339	i.MX6UltraLite	i.MX6UltraLite	i.MX6	i.MX6	DS1339	i.MX6	DS1339	i.MX6
Touch screen controller	yes	no	no	no	no	no	no	no	no
Size	68mm x 26mm	68mm x 26mm	68mm x 26mm	68mm x 31mm	68mm x 31mm	68mm x 31mm	68mm x 31mm	68mm x 31mm	68mm x 31mm
Form factor	200 Pin SO-Dimm								
I/O voltage	3.3V	3.3V	3.3V	3.3V	3.3V	3.3V	3.3V	3.3V	3.3V
Temperature range	-40..85°C	-40..85°C	-25..85°C	-40..85°C	-25..85°C	-40..85°C	-25..85°C	-20..70°C	-20..70°C
Power consumption (Linux prompt)	600mW	615mW	515mW	550mW	550mW	800mW	800mW	800mW	800mW
Processor grade	industrial	industrial	industrial	industrial	industrial	industrial	industrial	consumer	consumer
<b>Accelerated Multimedia</b>									
max. recommended LCD resolution	WVGA (800x480)	WXGA (1366x768)		UXGA (1600x1200)		WUXGA (1920x1200)		4XGA (2048x1536)	
Hardware video acceleration	no	no	no	yes	yes	yes	yes	yes	yes
Hardware 2-D/3-D Graphics acceleration	no	no	no	yes	yes	yes	yes	yes	yes
CMOS sensor interface	no	yes	yes	2	2	2	2	2	2
<b>TX Features</b>									
10/100 Ethernet	2	2	2	1	1	1	1	1	1
IEEE 1588 support	yes	yes	yes	yes	yes	yes	yes	yes	yes
USB 2.0 ports	2	2	2	2	2	2	2	2	2
CAN	2	2	2	2	2	2	2	2	2
UARTs	6	8	8	5	5	5	5	5	5
I2C / SPI	yes	yes	yes	yes	yes	yes	yes	yes	yes
SD interface	1	1	1	2	2	2	2	2	2
Keypad interface	yes	yes	yes	yes	yes	yes	yes	yes	yes
Serial audio ports	2	1	1	2	2	2	2	2	2
PWM	yes	yes	yes	yes	yes	yes	yes	yes	yes
External memory interface	no	no	no	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Display interface	TTL	TTL	TTL	TTL/LVDS	TTL/LVDS	TTL/LVDS	TTL/LVDS	TTL/LVDS	TTL
Additional features				PCIe	PCIe	PCIe	PCIe	PCIe	PCIe
Supported operating systems	Linux / Win CE6 / Win EC7	Linux	Linux	Linux /Win EC7/2013*	Linux /Win EC7/2013*	Linux /Win EC7/2013*	Linux /Win EC7/2013*	Linux /Win EC7/2013*	Linux /Win EC7/2013*

\* Android on Request  
tbd= to be defined

## CoM starter kit with PolyTouch™: Simplifies your start!



The GLYN-GUI KIT allows you to rapidly combine graphic interfaces with Multi-Touch. GLYN and kernel concepts know how to combine "embedded" and "Linux":

*TFT*

*+ Multi-Touch*

*+ KaRo starter kit*

*+ Linux-Toolchain*

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*by Glyn and Kernel Concept*

This unique combination of hardware and software tools is ideal for anyone who is interested in embedded Linux.

The starter kit comes with a 5.7" EDT TFT including PolyTouch™ and a high-performance Karo TX module!

## This is your easy access to the world of embedded Linux – our $\mu$ Cross Cross-SDK

The  $\mu$ Cross Cross-SDK offers a complete tool chain and extends it by adding functions for the entire application development, including a graphic interface. Well-known development tools such as Eclipse, QT-Creator etc. can be used together with the  $\mu$ Cross-SDK.



*Starter kit ordering number:  
GLYN-GUI-KIT-TX-Family 5v7 (without module)*