شرح طريقة استعمال اللودر لحل مشكل البوت في حالة عدم استجابته للحل بواسطة USB لجهاز إكولينك PRIME الحامل لسرفير الفوريفر

المتطلباتالأساسية: - جهاز حاسوب. - كابل RS232 لتوصيل جهاز الاستقبال بالحاسوب. - برنامج اللودر .

صورة لكابل RS232



الخطوات التي يجب تتبعها :

1) أولا قم بتحميل برنامج اللودر من المسار أسفله إدهب إلى موقع التحديثات https://echolinkhd.com https://siteflash.info تم اخترجهازك، تم اضغط على 'OUTILS' ، بعد دلك اضغط على LOADER

🛠 Solution BOOT par Clé USB	* LOADER
ملف الدرج (PDF)	ملف الشرح (PDF) 🗏
Explication (PDF)	Explication (PDF)
الماريقة بالتينيو Vidéo	الطريقة بالنيبو Vidéo

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Gestionnaire de تم اكتب Démarrer و5) إدهب إلى Démarrer في شريط البحت وأدخل إليها ودلك لمعرفةرقم الكوم الموجود على حاسوبك.

📇 Gestionnaire de périphériques	_	×
Fichier Action Affichage ?		
Contrôleur PCI de communications simplifiées		^
🙀 Périphérique PCI		
> 🍃 Batteries		
> 🖙 Cartes graphiques		
> 🚽 Cartes réseau		
> 🥅 Claviers		
> 🕠 Contrôleurs audio, vidéo et jeu		
> 🏺 Contrôleurs de bus USB		
> 🍇 Contrôleurs de stockage		
> 🦏 Contrôleurs IDE ATA/ATAPI		
> 🕠 Entrées et sorties audio		
> 🚍 Files d'attente à l'impression :		
> 🚍 Imprimantes		
> 🛺 Interfaces Homme-machine		
> 🚘 Lecteurs de disque		
> 🧟 Lecteurs de DVD/CD-ROM		
> 🛄 Moniteurs		
> 💻 Ordinateur		
> 🚡 Périphérique d'acquisition d'images		
> 📱 Périphériques logiciels		
> 🏣 Périphériques système		
✓		
🚆 Prolific USB-to-Serial Comm Port (COM3)		
> Processeurs		
> III Souris et autres périphériques de pointage		
		¥

6) بعدها قم بالخيارات التالية كما في الصورة

Chip Type:	other		→ Other إختر	[Main] SegNumber=9 Seg0=All
Boot File:	gx3211-6621&6622	2-dvbs.boot	→ gx3211-6621&6622-dvbs.	seg1=Bootload إختر boot إختر seg2=Main Code Seg3=Logo
ierial Port:	СОМЗ		إختر رقم الكوم الخاص بك 🔶	Seg4=Common Data Seg5=Default UsrDB Seg6=UsrDB
1ode:	serialdown	✓ F yaffs	إختر Serialdown إ	Seg7=SysDB Seg8=Key
Section:	All		اٍختر ALL 🔶	StartAddr=0x00000000 SegSize =0x01000000
ile:				[Bootload] StartAddr=0x00000000 SeqSize =0x00010000
				[Main Code] StartAddr=0x00010000
				SegSize =0x00120000 [Logo] StartAddr=0x00130000
				SegSize =0x00008000 [Common Data]
				StartAddr=0x00138000 SegSize =0x00000800 [Default UsrDB]
				StartAddr=0x00138800 SegSize =0x00007800
				StartAddr=0x00140000 SegSize =0x00080000
	Start			[SysDB] StartAddr=0x001C0000



Regarder dans : Bureau Bureau OneDrive redouane Ce PC 	
Accès rapide OneDrive	
Bibliothèques Réseau boot_file loader channel list ibero 1 Solution Prime PRIME_V112_28122023 PRIME_V112_8122023	
Nom du fichier : PRIME_V112_28122023 Ouvrir	ļ
Types de fichiers : *.bin;*.dat Annuler	

8)إضغط على Start

CADOWINDa			
		A	[Main]
Chip Type:	other 💌		Seg0=All
Boot File.	av3211-662186622-dybs boot 🔻		Seg1=Bootload Seg2=Main Code
	J9x5211 002100022 005.5000		Seg3=Logo
Serial Port:	сомз 💌		Seg5=Default UsrDB
			Seg6=UsrDB Seg7=SysDB
Mode:	serialdown 🔽 🗆 yaffs		Seg8=Key
Section:			StartAddr=0x00000000
Section.			SegSize =0x01000000
File:	C:\Users\redouane\Deskt		StartAddr=0x00000000
			[Main Code]
			StartAddr=0x00010000
			[Logo]
			StartAddr=0x00130000 SegSize =0x00008000
			[Common Data]
			SegSize =0x00000800
			[Default UsrDB] StartAddr=0x00138800
			SegSize =0x00007800
			StartAddr=0x00140000
		<u> </u>	SegSize =0x00080000 [SysDB]
	Ctort		
GXDownloa	der_boot_V1.100	Command:	StartAddr=0x001C0000
GXDownloa	der_boot_V1.100	Command:	
GXDownloa	der_boot_V1.100	Command: Clear	StartAddr=0x001C0000
GXDownloa Chip Type:	der_boot_V1.100	Command: Clear	StartAddr=0x001C0000
GXDownloa Chip Type: Boot File:	der_boot_V1.100	Command: 	StartAddr=0x001C0000
GXDownloa Chip Type: Boot File:	der_boot_V1.100 other v gx3211-6621&6622-dvbs.boot v	Command: boot.exe -b "C:\Users\redouane\Desktop\Solution Prime\boot_file \gx3211-6621&6622-dvbs.boot" -d COM3 -c "serialdown 0x00000000 'C:\Users\redouane\\Desktop\\PRIME_V112_28122023.bin"' Found serial: COM3 wait ROM request please power on or restart the board	<pre>StartAddr=0x001C0000 <</pre>
GXDownloa Chip Type: Boot File: Serial Port:	der_boot_V1.100 other	Command: boot.exe -b "C:\Users\redouane\Desktop\Solution Prime\boot_file \gx3211-6621&6622-dvbs.boot" -d COM3 -c "serialdown 0x00000000 'C:\\Users\\redouane\\Desktop\\PRIME_V112_28122023.bin"' Found serial: COM3 wait ROM request please power on or restart the board	StartAddr=0x001C0000 StartAddr=0x001C0000 SegNumber=9 Seg0=All Seg1=Bootload Seg2=Main Code Seg3=Log0 Seg4=Common Data Seg5=Default UsrDB Seg6=UsrDB Seg6=UsrDB
GXDownloa Chip Type: Boot File: Gerial Port: Mode:	der_boot_V1.100 other gx3211-6621&6622-dvbs.boot COM3 serialdown yaffs	Command: 	StartAddr=0x001C0000 StartAddr=0x001C0000 SegNumber=9 Seg0=All Seg1=Bootload Seg2=Main Code Seg3=Log0 Seg4=Common Data Seg5=Default UsrDB Seg6=UsrDB Seg6=UsrDB Seg6=SySDB Seg8=Key
GXDownloa Chip Type: Boot File: Serial Port: Aode:	der_boot_V1.100 other gx3211-6621&6622-dvbs.boot COM3 serialdown yaffs	Command: 	StartAddr=0x001C0000
5XDownloa Chip Type: Root File: Gerial Port: Mode: Gection:	der_boot_V1.100 other	Command: 	StartAddr=0x001C0000
GXDownloa Chip Type: Ioot File: Serial Port: Node: Section: ile:	der_boot_V1.100 other gx3211-6621&6622-dvbs.boot COM3 serialdown Jaffs All C:\Users\redouane\Deski	Command: 	StartAddr=0x001C0000
GXDownloa Chip Type: Boot File: Gerial Port: Aode: Gection: ille:	der_boot_V1.100 other gx3211-6621&6622-dvbs.boot COM3 serialdown Serialdown GCi\Users\redouane\Desk	Command: 	StartAddr=0x001C0000
5XDownloa Chip Type: Boot File: Gerial Port: Aode: Section: File:	der_boot_V1.100 other gx3211-6621&6622-dvbs.boot COM3 serialdown Juit yaffs All C:\Users\redouane\Deski	Command: 	StartAddr=0x001C0000
GXDownloa Chip Type: Boot File: Gerial Port: Mode: Section: File:	der_boot_V1.100 other gx3211-6621&6622-dvbs.boot COM3 serialdown All C:\Users\redouane\Deski	Command: 	StartAddr=0x001C0000
5XDownloa Chip Type: Boot File: Serial Port: Aode: Section: File:	der_boot_V1.100 other gx3211-6621&6622-dvbs.boot COM3 serialdown C:\Users\redouane\Deski	Command:	StartAddr=0x001C0000
GXDownloa Chip Type: Boot File: Serial Port: Mode: Section: File:	der_boot_V1.100 other v gx3211-6621&6622-dvbs.boot v COM3 v serialdown v v yaffs All v C:\Users\redouane\Deski	Command:	StartAddr=0x001C0000
GXDownloa Chip Type: Boot File: Serial Port: Mode: Section: File:	der_boot_V1.100 other v gx3211-6621&6622-dvbs.boot v COM3 v serialdown v All v C:\Users\redouane\Deski	Command:	StartAddr=0x001C0000 [Main] SegNumber=9 Seg0=All Seg1=Bootload Seg2=Main Code Seg3=Log0 Seg4=Common Data Seg5=Default UsrD8 Seg6=UsrD8 Seg6=UsrD8 Seg7=SySD8 Seg8=Key [Al] StartAddr=0x00000000 SegSize = 0x01000000 [Bootload] StartAddr=0x00010000 [Bootload] StartAddr=0x00010000 SegSize = 0x00120000 [Log0] StartAddr=0x00130000 SegSize = 0x00120000 [Log0] StartAddr=0x00130000 SegSize = 0x00130000 SegSize = 0x00120000 [Common Data] StartAddr=0x00138000 SegSize = 0x00008000 [Common Data] StartAddr=0x00138000 SegSize = 0x00008000 [Common Data] StartAddr=0x00138000 SegSize = 0x0000800 [Common Data] StartAddr=0x00138000 SegSize = 0x0008000 [Common Data] StartAddr=0x00138000 SegSize = 0x000800 [Common Data] StartAddr=0x00138000 [Common Data] [Common Data] [Common Data] [Commo
GXDownloa Chip Type: 3oot File: Serial Port: Mode: Section: File:	der_boot_V1.100 other gx3211-6621&6622-dvbs.boot COM3 v serialdown v Goldanne C:\Users\redouane\Deskl	Command:	StartAddr=0x001C0000 [Main] SegNumber=9 Seg0=All Seg1=Bootload Seg3=Log0 Seg4=Common Data Seg5=Default UsrDB Seg6=UsrDB Seg6=UsrDB Seg6=UsrDB Seg6=UsrDB Seg8=Key [Al] StartAddr=0x00000000 [Bootload] StartAddr=0x00010000 [Main Code] StartAddr=0x000120000 [Log0] StartAddr=0x00130000 SegSte = 0x00120000 [Log0] StartAddr=0x00130000 SegSte = 0x00120000 [Common Data] StartAddr=0x00138000 SegSte = 0x00008000 [Common Data] StartAddr=0x00138000 SegSte = 0x00008000 [Default UsrDB] StartAddr=0x00138800
GXDownloa Chip Type: Boot File: Serial Port: Mode: Section: File:	der_boot_V1.100 other gx3211-6621&6622-dvbs.boot COM3 serialdown Guillet C:\Users\redouane\Deski	Command: 	StartAddr=0x001C0000 [Main] SegNumber=9 Seg0=All Seg1=Bootload Seg2=Main Code Seg3=Logo Seg4=Common Data Seg5=Default UsrDB Seg6=UsrDB Seg6=UsrDB Seg8=Key [Al] StartAddr=0x00000000 [Bootload] StartAddr=0x00010000 [Main Code] StartAddr=0x0010000 SegSze = 0x00120000 [Logo] StartAddr=0x00130000 SegSze = 0x00008000 [Common Data] StartAddr=0x00138000 SegSze = 0x00008000 [Default UsrDB] StartAddr=0x00138000 SegSze = 0x00007800 [Default UsrDB] StartAddr=0x00138000 SegSze = 0x00007800 [LogD]
GXDownloa Chip Type: Boot File: Serial Port: Mode: Section: File:	der_boot_V1.100 other gx3211-6621&6622-dvbs.boot COM3 serialdown Guide All C:\Users\redouane\Deski	Command: 	StartAddr=0x001C0000 SegNumber=9 Seg0=All Seg1=Bootload Seg3=Log0 Seg4=Common Data Seg5=Default UsrDB Seg6=UsrDB Seg6=UsrDB Seg6=UsrDB Seg8=Key [Al] StartAddr=0x0000000 [Main Code] StartAddr=0x00010000 SegSize = 0x01010000 [Main Code] StartAddr=0x0010000 SegSize = 0x0010000 [Logo] StartAddr=0x00130000 SegSize = 0x00008000 [Commo Data] StartAddr=0x00138000 SegSize = 0x0000800 [Default UsrDB] StartAddr=0x00138000 SegSize = 0x0000800 [Default UsrDB] StartAddr=0x00138000 SegSize = 0x00007800 [SegSize = 0x00007800 [Default UsrDB] StartAddr=0x00138000 SegSize = 0x00007800 [Default UsrDB] StartAddr=0x0013800 SegSize = 0x0007800 [SegSize
5XDownloa Chip Type: Boot File: Serial Port: Aode: Section: sile:	der_boot_V1.100 other gx3211-6621&6622-dvbs.boot COM3 serialdown Guide C:\Users\redouane\Deski	Command: 	StartAddr=0x001C0000 StartAddr=0x001C0000 Seg0umber=9 Seg0=All Seg1=Bootload Seg2=Main Code Seg3=Log0 Seg4=Common Data Seg5=Default UsrDB Seg6=UsrDB Seg6=UsrDB Seg8=Key [Al] StartAddr=0x00000000 SegSize = 0x01000000 SegSize = 0x00100000 SegSize = 0x00100000 SegSize = 0x00100000 SegSize = 0x00008000 SegSize = 0x0000800 SegSize = 0x0008000 SegSize = 0x0000800 SegSize = 0x0000800 SegSize = 0x0008000 SegSize = 0x008000 SegSize

9) قم بتوصيل جهاز الاستقبال بالكهرباء و سوف تبدء عملية التحديث كما هو موضح في الصورة أسـفله

GXDownloader_boot_V1.100		×
Chip Type: other v Boot File: gx3211-6621&6622-dvbs.boot v Serial Port: COM3 v Mode: serialdown v vaffs Section: All v File: GxLoade cpu fam chip motobard to 03% gxacel Comman	<pre>! partition table no found, use default partition table: Version : 102 count : 0 otect : TRUE nable : TRUE RC32 : 52504504 = = E FS CRC32 START TOTAL_SIZE MAIN_SIZE IZE Use% RES_SIZE = = e iiii : CSKY del : pe : size : pe: e : i : freq : ý¹,ÆÁ_008_00`1»77"޶þ send data to stb board, please wait 1677s.</pre>	[Main] SegNumber=9 Seg0=All Seg1=Bootload Seg2=Main Code Seg3=Log0 Seg4=Common Data Seg5=Default UsrDB Seg6=UsrDB Seg8=Key [All] StartAddr=0x0000000 StartAddr=0x00010000 [Bootload] StartAddr=0x00110000 SegSize =0x0100000 SegSize =0x00120000 [Log0] StartAddr=0x00130000 SegSize =0x00010000 SegSize =0x00010000 SegSize =0x00010000 SegSize =0x00010000 SegSize =0x00120000 [Log0] StartAddr=0x00138000 SegSize =0x00008000 [Common Data] StartAddr=0x00138000 SegSize =0x00008000 [Common Data] StartAddr=0x00138000 SegSize =0x00007800 [UsrDB] StartAddr=0x00140000 SegSize =0x00008000 [SysDB] StartAddr=0x0010000 SartAddr=0x0010000 SegSize =0x0008000 [SysDB] StartAdr=0x0010000 SegSize =0x00008000 [SysDB] StartAdr=0x0010000 SegSize =0x00008000 [SysDB] StartAdr=0x00120000 SegSize =0x00010000 SegSize =0x00010000 SegSize =0x00008000 [SysDB] StartAddr=0x00120000 SegSize =0x00010000 SegSize =0x00010000 SegSize =0x00008000 [SysDB] StartAddr=0x00120000 StartAddr=0x00120000 SegSize =0x00018000 StartAddr=0x0012000 StartAddr=0x00120000 SegSize =0x00008000 [SysDB] StartAddr=0x00120000 SegSize =0x000120000 StartAddr=0x00120000 SegSize =0x0000000 SegSize =0x0000000 SegSize =0x00000000 SegSize =0x00000000 SegSize =0x00000000 SegSize =0x00000000 SegSize =0x000000000 SegSize =0x000000000 SegSize =0x000000000 SegSize =0x000000000 SegSize =0x000000000000 SegSize =0x00000000000000000000000000000000000

GXDownloader_boot_V1.100		
Chip Type: other	warning! partition table no found, use default partition table: Partition Version : 102 Partition Count : 0	[Main] SegNumber=9 Seg0=All Seg1=Rectload
Boot File: gx3211-6621&6622-dvbs.boot 💌	Write Protect : TRUE CRC32 Enable : TRUE Table CRC32 : 52504504	Seg1=Bootload Seg2=Main Code Seg3=Logo
Serial Port: COM3		Seg4=Common Data Seg5=Default UsrDB Seg6=UsrDB
Mode: serialdown 💌 🗖 yaffs	ID NAME FS CRC32 START TOTAL_SIZE MAIN_SIZE USED_SIZE Use% RES_SIZE	Seg7=SysDB Seg8=Key [All]
Section: All		StartAddr=0x00000000 SegSize =0x01000000 [Bootload]
File:		StartAddr=0x00000000 SegSize =0x00010000
	GxLoader	StartAddr=0x00010000 SegSize =0x00120000
	chip model : board type : momousline :	[Logo] StartAddr=0x00130000 SegSize =0x00008000
	Flash type: 1 Flash size : i cpu freq : ([Common Data] StartAddr=0x00138000 SegSize =0x00000800
	memory freq : 533 MHz sທີ່ເຈີນ1/5 ນັ້ນ 45 ຄົດ 0.0 1.»77" 3 ຫຼື	StartAddr=0x00138800 SegSize =0x00007800
	start to send data to stb board, please wait 1677s. 14%	UsrDBJ StartAddr=0x00140000 SeqSize =0x00080000
Cancel	Command:	[SysDB] StartAddr=0x001C0000

بمجرد إنتهاء العد التنازلي لتحديت ، سـوف تظهر رسـالة كما في الصورة أسـفله تؤكد لك أن العملية مرة بنجاح

GXDownloader_boot_V1.100		—
Chip Type: other	ID NAME FS CRC32 START TOTAL_SIZE MAIN_SIZE USED_SIZE Use% RES_SIZE	[Main] SegNumber=9 Seg0=All Seg1=Bootload Seg2=Main Code Seg3=Logo Seg4=Common Data Seg5=Default UsrDB
Mode: serialdown 🔽 🗖 yaffs	GxLoader v1.9	Seg6=UsrDB Seg7=SysDB Seg8=Key [All] StartAddr=0x00000000
Section: All	cpu family: CS chip model board type memory size Flash type: w2 Flash size : 16 cpu freq : 0 1 memory freq	SegSize = 0x01000000 [Bootload] StartAddr=0x00000000 SegSize = 0x00010000 [Main Code] StartAddr=0x0010000 SegSize = 0x000120000 [Logo] StartAddr=0x00130000 SegSize = 0x00008000
	<pre>seréyö~mÿ°xx,_00,_0,±BOOO'»¶b start to send data to stb board, please wait 1677s. 100% send all ok. unit = 167773, count = 16777216. Erase flash address: 0x0, len: 16777216 Write to flash address: 0x0, len: 16777216 Completed.</pre>	[Common Data] StartAddr=0x00138000 SegSize =0x00000800 [Default UsrDB] StartAddr=0x00138800 SegSize =0x0007800 [UsrDB]
Cancel	Command:	StartAddr=0x00140000 SegSize =0x00080000 [SysDB] StartAddr=0x001C0000

مبروك عليك تم حل مشكل البوت على جهازك بنجاح