
Release Notes

VC80 Windows 7/10 Software Package

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Description

The VC80 Software Package included 3 software components:

- VC Control Panel
- Embedded Controller firmware
- BIOS

VC80 Control Panels Software package revision 07.1.0.0 is based on revision v06.0.0.0.

- The Package includes VC80-specific drivers and applications:
 - Embedded Controller and Accelerometer sensor drivers;
 - Screen Blanking, WifiReconnect, Kiosk and TekWedge applications;
 - Configuration User Interface for all VC-specific features, including Ignition Detection, Heater Control, UPS Battery information, interface power management, etc.

Embedded Controller firmware – version 01.03.18

- The Embedded Controller manages several lower level functions of the VC80
 - Enabling the power supply at boot time
 - Communication with features like the UPS battery, accelerometer and the on-board heaters

BIOS – version 01.03.15

- VC80 Basic **Input Output** System. The BIOS primary role is to load the operating system on the VC80

Improvements

VC Control Panel version 07.01.00.00.

- Includes below SPR fixes:
 - SPR35004: VC Control Panel import/export not worked correctly for Bezel keyboard settings.
 - SPR35153: VC Service stops working.

Embedded Controller firmware version 01.03.18

- SPRs - 32634, 34665, 34377, 34355 – VC80 fails to power ON with external power for a dead battery case.
- SPR 34869: VC80 fails to power on with LED remains green and OS doesn't load.
- Added a system wake from sleep when battery is low (<9%).

- Bezel “keyboard” key is mapped to ENTER key (simplify EC firmware loading)
- Auto load firmware in EUFI shell with “Startup.nsh” script name

BIOS – version 01.03.15

- Updated BIOS package includes fix for Spectre and Meltdown Security Vulnerability
- Auto load firmware in EUFI shell with “Startup.nsh” script name

Device Compatibility

This release is compatible with all VC80 Windows 7/10 hardware SKUs.

Installation Requirements

- USB flash drive of size 4GB and above
- **VC80 Windows 7 Maintenance Release 2 (01.02.00)** for Windows 7 or **VC80 Windows 10 Rev A release** for Windows 10

Installation Instructions

VC Control Panel:

VC Control Panels SW package can be installed manually from a USB drive connected to VC80 or remotely using an MDM software.

Manual installation:

- Copy 80X0XXXENCL07100.EXE file on a USB flash drive;
- Connect USB drive to VC80;
- Run the file “As Administrator” and follow prompts;
- When installation is finished, disconnect the USB flash drive and reboot VC80.

Remote installation:

- Please use the following command line for VC Control Panel unattended or remote installation:
 - First time installation: “80X0WXXXENCL07100.exe /s /l=<fullPathLogFile>”;
 - Update: “80X0WXXXENCL07100.exe /s /l=<fullPathLogFile> REPAIR=TRUE”;******* The /l=<fullPathLogFile> argument is optional if details of the installation are required (i.e. for troubleshooting).

Embedded Controller firmware:

- Refer to the “*VC80_Embedded_Controller_firmware_Update_Procedure*” included in the VC80 Software Package under folder EC.

BIOS:

- Refer to the “*VC80_BIOS_Update_Procedure*” included in the VC80 Software Package under folder BIOS.

Downloadable Software Included in this Release

File	Description
80X0XXXENCL07100	VC Control Panel installer v07.1.0.0
80X0XXXENCF010318	Embedded Controller Firmware v01.03.18
80X0XXXENBS0103115	BIOS v01.03.15

Last Revised: April 2019