

# NEW! CrossControl iMX8 Based Display Computers



With the launch of the CCpilot V700, CrossControl introduced their next generation iMX8 based platform and now have added two new displays to the series. The 10" CCpilot V1000 and 12" CCpilot V1200 deliver the latest technology for Human-Machine interaction and on-board computing for industrial machines.



The range of iMX8-based display computers is growing to now include sizes 10.1" and 12". The two new displays will join the 7" CCpilot V700, launched earlier to form their next generation Vision Line series. The devices are supported by CrossControl's next generation technology platform which is based on the iMX8 family of application processors from NXP.

The iMX8 chipset supports powerful solutions with advanced neural network processing, state-of-the-art graphics, machine vision, video, audio, voice, and functional safety. The new vision line series offers industry leading Human-Machine Graphical User Interfaces with triple the graphical performance of earlier processors like the iMX6. Compared to displays using iMX6 chipsets, the new Vision line series offers triple the graphics performance, making them GUI specialists with multi-functional capacity. They can cover a broad facet of Human Machine Interaction and operator support, including instrumentation, process control, video, GPS, embedded manuals & instructions, infotainment and more.

The platform also provides support for advanced functionality like object detection, operator guidance and voice recognition. Plus, the option to make use of the Wayland windowing protocols which allows for third party applications to be independently deployed, integrated, and updated to deliver new solutions for precision machine control and semi-automation. This also means that it is possible to combine different application

types, for example, an OpenGL video stream, HTML5 based mapping tool, CODESYS application, and Qt for the instrumentation cluster into one seamless, stable, multifunctional solution.

Their software platform is based on Linux, which comes with the benefit of being supported by thousands of engineers worldwide. This allows for existing applications to be quickly integrated into CrossControl hardware as there is no need to recode applications in any predefined language. OEMs and System Integrators are free to choose the best implementation path themselves and are supported in developing the solution they need by working with, not against, the resources and skills they already have.

With a comprehensive size range combined with the industrial market's leading next generation computing technology, and an open, versatile software platform, the new Vison Line displays from CrossControl can provide OEMs and System Integrators the tools they need to deliver the next leap in machine intelligence and productivity.