

Protocol Engine Version 2—PEv2

SBC AND IMS TESTING



High performance and high capacity testing for SBC and IMS devices and network during the various development and deployment stages.

SPEC SHEET

KEY FEATURES

2X times signaling performance improvement in 1G port

4X times signaling performance improvement in 10G port

Supports all sipFlex, volteFlex, hssFlex, asFlex and proxyFlex applications

PEv2 only (standalone mode) for signaling testing

PEv2 and W²CM (paired mode) for signaling and media testing

PEv2

Voice over LTE (VoLTE), video over LTE (ViLTE), rich communication services (RCS) and web real-time communication (WebRTC) services running in physical, cloud and network function virtualization (NFV) infrastructure are being adopted at an exponential rate. As a result, the network equipment manufacturer (NEM) and network service provider (NSP) face challenges with regards to improving the signaling capacity and performance in devices, such as session border controller (SBC) and call session control function (CSCF), and in the IMS network.

Protocol Engine version 2 (PEv2) enables NEM and NSP to test high performance signaling to characterize the performance of IMS devices and the IMS network. PEv2 supports 6 X 1G ports in stand-alone mode with two times more performance than that of W²CM 1G port performance. In addition, PEv2 can also be paired with one of the W²CM family of blades to double the performance of the W²CM 8 X 1G port as well.

Moreover, if the W²CM blade is paired with PEv2, customers can benefit from a colossal fourfold performance improvement in their W²CM 10G port. W²CM supports 2 X 10G ports.

SPECIFICATIONS	
Modules and interfaces supported	W ² CM-10GbE, W ² CM-10GbE-Lite, W ² CM-4GbE, W ² CM-Sig
QA applications supported	sipFlex, volteFlex, hssFlex, asFlex and proxyFlex
Ports	6 X 1G
Connection speed	Auto-negotiate 10/100/1000 Mbit/s
Hot-swappable modules	Yes
System under test	SBC, CSCF, HSS, AS, PCRF, IMS End-to-End Network
Processor and memories	AMC Core i7 2.53 GHz, 8 GB RAM, 500 GB hard disk
Remote control	Standard Windows applications, such as VNC and Exceed
Size (H x W x D)	266 mm x 483 mm x 389 mm (10.5 in x 19 in x 15.3 in)
Weight	25.50 kg (56 lb)
Power supply	850 W, 90 to 264 V input, single plus 5 VSB output

ORDERING INFORMATION

For ordering information, please contact isales@EXFO.com

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