


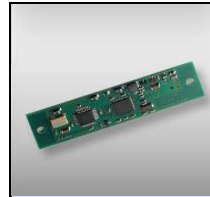
# Neural Network Controllers for CARMEN-based applications

## Technical specifications



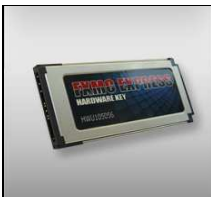
**CARMEN FXMC  
USB  
Neural Network Controller**

Interface	USB 2.0
Processor	50MHz
Supported operating systems	Windows or Linux
System requirements	Free USB 2.0 port
Power consumption	Approx. 85mA
Size	72.0mm x 21.0mm x 11.0mm



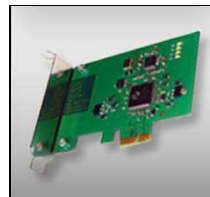
**CARMEN FXMC  
Internal USB  
Neural Network Controller**

Interface	USB 2.0 (connector: 2-row 4 pin socket)
Processor	50MHz
Supported operating systems	Windows or Linux
System requirements	Free USB 2.0 port
Power consumption	Approx. 85mA
Size	75.0mm x 20.0mm x 10.5mm




**CARMEN FXMC  
Express Card  
Neural Network Controller**

Interface	Express card 34 (54 compatible)
Supported operating systems	Windows or Linux
System requirements	Free Express card slot
Input voltage	3.3V
Size	75.0mm x 34.0mm x 5.0mm




**CARMEN FXMC  
PCIe  
Neural Network Controller**

Interface	PCIe X1
Supported operating systems	Windows or Linux
System requirements	Free PCIe slot x1 (or higher)
Power consumption	Approx. 300mA
Size	87.0mm x 6.07mm




**CARMEN FXMC  
PCI  
Neural Network Controller**

Interface	PCI 2.1
Processor	75MHz
Supported operating systems	Windows or Linux
System requirements	Free PCI slot with bus mastering support
Power consumption	Approx. 450mA
Size	97.0mm x 120.0mm



**CARMEN FXMC  
PC104+  
Neural Network Controller**

Interface	PC104+
Processor	75MHz
Supported operating systems	Windows or Linux
System requirements	Free PC104+ layer
Power consumption	Approx. 450mA
Size	95.88mm x 90.17mm



**FXVD4  
PCI  
Neural Network Controller**

Interface	PCI 2.1
Processor	75MHz
Supported operating systems	Windows or Linux
System requirements	Free PCI slot with bus mastering support
Power consumption	Approx. 450mA
Size	97.0mm x 120.0mm

Technical specifications are subject to change without prior notice

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