

**Micas Networks**, a dynamic open networking startup headquartered in San Jose, is poised to accelerate the networking landscape.

Our mission is clear: To provide customers with a comprehensive suite of solutions encompassing products, network operating systems (NOS), extensive support, tailor-made solutions, robust supply, and efficient manufacturing to help them on their Open Networking journey.

## Network Operating Systems



## Open Networking Ecosystem Partners



## Partners



## Delivering Product Today

Micas Networks offers a broad and comprehensive portfolio of open networking products that support multiple variations of SONiC and offers customizable features.

## Strong Engineering and Manufacturing

At the core of Micas Networks is an exceptional engineering and support team dedicated to providing customers with unwavering confidence. We understand that dependable infrastructure requires reliable backing. In alignment with this vision, we are expanding our factory capacity in Malaysia, reinforcing our commitment to surpassing customer expectations.

## Contributing to the Open Compute Project

Micas Networks believes in contributing back to the community and works to support the Open Compute Project. Additionally, they support the Linux Foundation, and DENT. Our contributions to the advancement of these technologies underscore our dedication to propelling the industry forward and fostering collaborative progress for the greater good.



## Data Center Switches (White Box)

	1G Switch	25G Switch	100G Switch		
<b>Product Line Overview</b>					
<b>Product Model</b>	M2-W6510-48GT4V	M2-W6510-48V8C	M2-W6510-32C	M2-W6910-64C	M2-W6920-4S
<b>Height</b>	1 RU	1 RU	1 RU	2 RU	4 RU
<b>System</b>	Enhanced SONiC Community SONiC	Enhanced SONiC Community SONiC	Enhanced SONiC Community SONiC	Enhanced SONiC Community SONiC	Enhanced SONiC Community SONiC
<b>Throughput (full duplex)</b>	296 Gbps	4.0 Tbps	6.4 Tbps	12.8 Tbps	25.6 Tbps
<b>Packets/Second</b>	220 Mpps	2003.4Mpps	2003.4Mpps	4.4 Bpps	8 Bpps
<b>Port description</b>	48 × 10/100/1000 BASE-T+ 4 × 25G SFP28	48 × 25G SFP28 + 8 × 100G QSFP28	32 × 100G QSFP28	64 × 100G QSFP28	128 × 100G QSFP28
<b>System Memory</b>	4 GB (Up to 8 GB)	8 GB (Up to 32 GB)	8 GB (Up to 32 GB)	8 GB (Up to 32 GB)	8 GB (Up to 32 GB)
<b>Buffer Size</b>	4 MB	32 MB	32MB	42 MB	64 MB
<b>System Storage</b>	64 GB	240 GB	240GB	240 GB	240GB
<b>BMC Option</b>	Yes	Yes	Yes	Yes	Yes
<b>Hot-swap Power Supplies</b>	1+1	1+1	1+1	1+1	2+2
<b>Hot-swappable Fans</b>	1+1	3+1	4+1	2+1	5+1
<b>Airflow Option</b>	Front to Rear / Rear to Front	Front to Rear / Rear to Front	Front to Rear / Rear to Front	Front to Rear	Front to Rear

## Data Center Switches (White Box)

	200G Switch	400G Switch			800G Switch
<b>Product Line Overview</b>					
<b>Product Model</b>	M2-W6520-24DC8QC	M2-W6930-64QC	M2-W6920-32QC2X	M2-W6940-128QC	M2-W6940-64QC (Coming soon)
<b>Height</b>	1 RU	4 RU	1 RU	4 RU	2 RU
<b>System</b>	Enhanced SONiC Community SONiC	Enhanced SONiC Community SONiC	Enhanced SONiC Community SONiC	Enhanced SONiC Community SONiC	Enhanced SONiC Community SONiC
<b>Throughput (full duplex)</b>	16 Tbps	51.2 Tbps	25.6 Tbps	102.4 Tbps	102.4 Tbps
<b>Packets/Second</b>	2.74 Bpps	10.6 Bpps	8 Bpps	20.3Bpps	20.3Bpps
<b>Port description</b>	24 × 200G QSFP56 + 8 × 400G QSFP-DD	64 × 400G QSFP-DD	32×400G QSFP-DD +2×10G SFP+	128×400G QSFP112	64×800G OSFP + 2×25G SFP28
<b>System Memory</b>	16 GB (Up to 64 GB)	16GB (Up to 64 GB)	8 GB (Compatible: 16 GB)	16 GB (Up to 32 GB)	32 GB
<b>Buffer Size</b>	82 MB	113MB	64MB	165.2MB	165.2MB
<b>System Storage</b>	240GB	240GB	64GB	240GB	240GB
<b>BMC Option</b>	Yes	Yes	Yes	Yes	Yes
<b>Hot-swap Power Supplies</b>	1+1	2+2	1+1	2+2	1+1
<b>Hot-swappable Fans</b>	5+1	7+1	5+1	4+1	3+1
<b>Airflow Option</b>	Front to Rear	Front to Rear	Front to Rear / Rear to Front	Front to Rear	Front to Rear

## Optical Modules

Model	Form Factor	Connector Type	Cable Type	Max Reach	Data diagnosis (DDM/DOM)	Power consumption [W]	Wave-length [nm]	Tx power [dBm]	Sensitivity [dBm]
<b>10G-SFP-SR</b>	SFP+	Duplex LC	MMF	300m(OM4)	Yes	≤1.5W	850nm	-7.3dBm to -1dBm	<-11.1dBm
<b>10G-SFP-LR</b>	SFP+	Duplex LC	SMF	10km	Yes	≤1.5W	1310nm	-8.2dBm to 0.5dBm	<-12.6dBm
<b>25G-SFP-SR</b>	SFP28	Duplex LC	MMF	100m OM4& 70m OM3	Yes	≤1.5W	850nm	-8.4dBm to 2.4dBm	<-10.3dBm
<b>100G-QSFP-SR4</b>	QSFP28	MPO 1×12	MMF	70m(OM3) /100m(OM4)	Yes	≤3.5W	850nm	-8.4dBm to 2.4dBm	<-5.2dBm
<b>100G-QSFP-LR4</b>	QSFP28	Duplex LC	SMF	10km	Yes	≤4.5W	(1294.53,1296.59) (1299.02,1301.09) (1303.54,1305.63) (1308.09,1310.19)	-4.3dBm to 4.5dBm	<-8.6dBm
<b>100G-QSFP-CWDM4</b>	QSFP28	Duplex LC	SMF	2km	Yes	≤3.5W	(1264.5-1277.5) (1284.5-1297.5) (1304.5-1317.5) (1324.5-1337.5)	-6.5dBm to 2.5dBm	<-10dBm
<b>400G-QDD-DR4</b>	QSFP-DD	MPO 1×12	SMF	500m	Yes	≤12W	(1304.5,1317.5)	-2.9dBm to 4dBm	<-4.4dBm
<b>400G-QDD-FR4</b>	QSFP-DD	Duplex LC	SMF	2km	Yes	≤12W	(1264.5,1277.5) (1284.5,1297.5) (1304.5,1317.5) (1324.5,1337.5)	-3.2dBm to 4.4dBm	<-4.6dBm
<b>400G-QDD-SR8</b>	QSFP-DD	MPO 1×16	MMF	100m OM4	Yes	≤10W	850nm	-6.5dBm to 4dBm	<-6.5dBm
<b>400G-OSFP112-DR4-RHS</b>	QSFP	MPO 1×12	SMF	500m	Yes	≤9W	(1304.5, 1317.5)	-2.9dBm	<-4.4dBm
<b>400G-OSFP112-VR4-RHS</b>	QSFP	MPO 1×12	MMF	50m OM4& 30m OM3	Yes	≤9W	(842, 948)	-4.6dBm	<-4.5dBm
<b>400G-Q112-DR4</b>	QSFP112	MPO 1×12	SMF	500m	Yes	≤9W	(1304.5,1317.5)	-2.9dBm	<-4.4dBm
<b>400G-Q112-VR4</b>	QSFP112	MPO 1×12	MMF	50m OM4& 30m OM3	Yes	≤9W	(842, 948)	-4.6dBm	<-4.4dBm