

USB Ethernet Gadget (TCP)

Direction	Driver	Mean Throughput
i.MX6 → Windows	Microsoft RNDIS	40 Mbps
Windows → i.MX6	Microsoft RNDIS	32 Mbps
i.MX6 → Windows	Belcara	126 Mbps
i.MX6 → Linux	CDC Ethernet (ECM)	155 Mbps
Linux → i.MX6	CDC Ethernet (ECM)	115 Mbps

USB Ethernet Gadget (UDP)

Direction	Driver	Mean Throughput
i.MX6 → Windows	Microsoft RNDIS	1.05 Mbps

USB Serial Gadget

	Direction	Driver	Mean Throughput	Mean Packet Rate
Theoretical	i.MX6 → Linux	CDC Serial (ACM)	105 Mbps	250,000 packets/second
Demonstrated	i.MX6 → Linux	CDC Serial (ACM)	16.9 Mbps	33,000 packets/second

*Serial communication with 115200 bps, 8N1

USB Mass Storage Gadget

Direction	Driver	File System	Mean Throughput
i.MX6 → Linux	Linux File Storage	tmpfs in RAM	17.8 Mbps