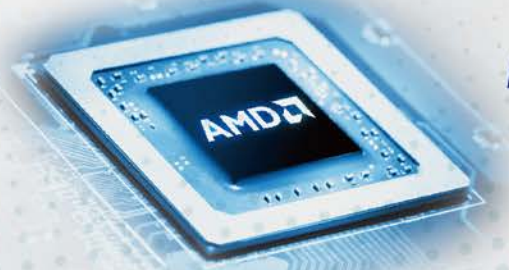
網路應用：PUZZLE系列



PUZZLE-A001

AMD 解決方案

EPYC Embedded 3000 系列



網路應用變革（一）



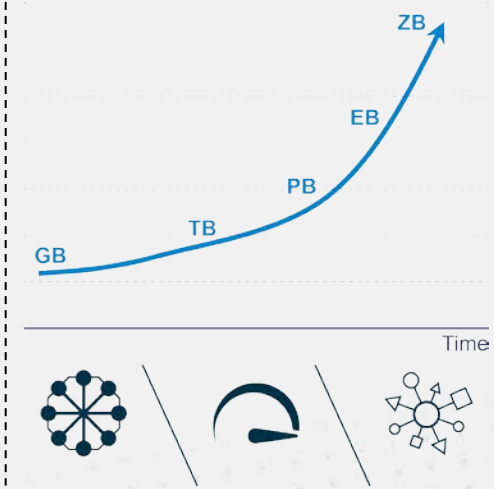
IoT



Industrial 4.0



5G



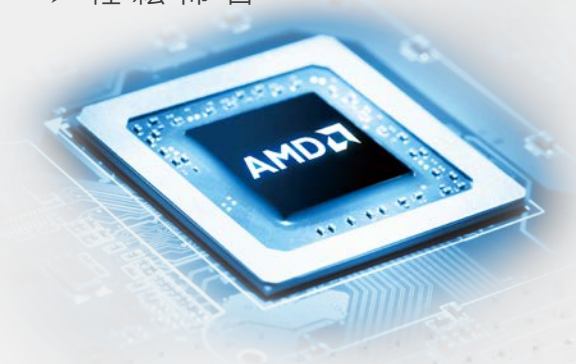
變革來自於

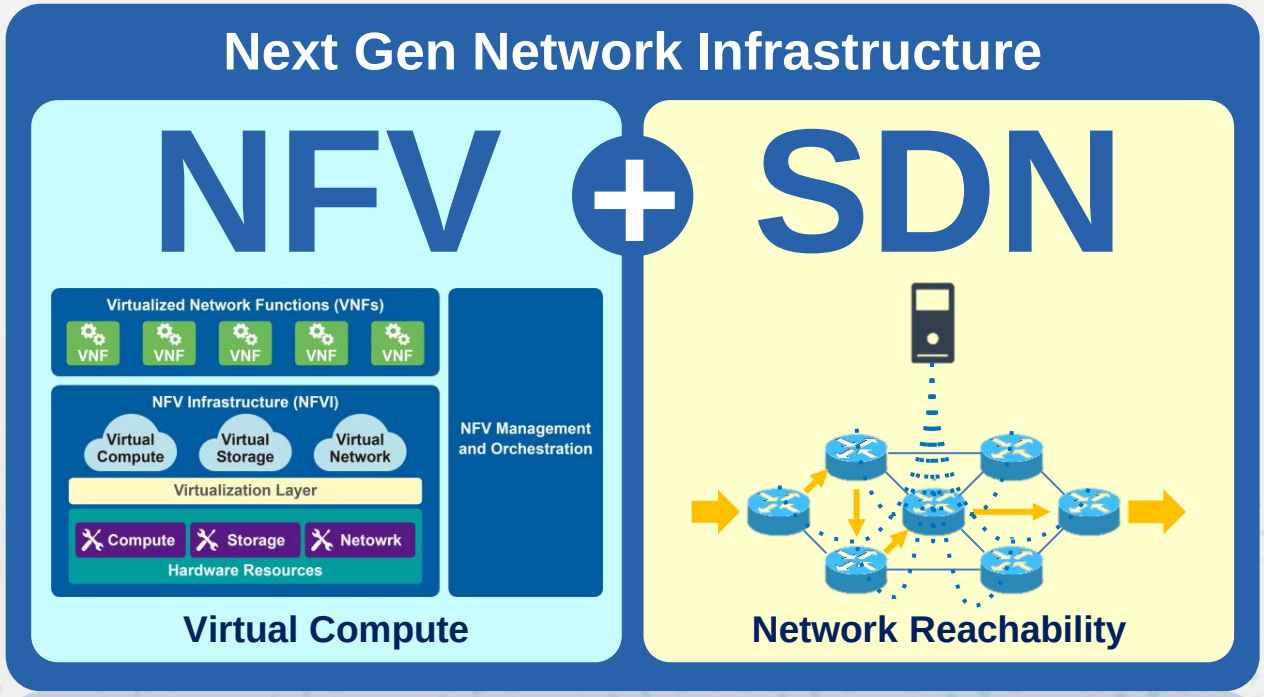
數據蒐集與分析	軟體處理數據效能
裝置全面連網	降低資本支出與維運成本

網路應用變革（二）

最新科技的支持

- 資源虛擬化技術
- 資料平面技術
- 單一硬體支援多項虛擬網路功能
- 輕鬆佈署

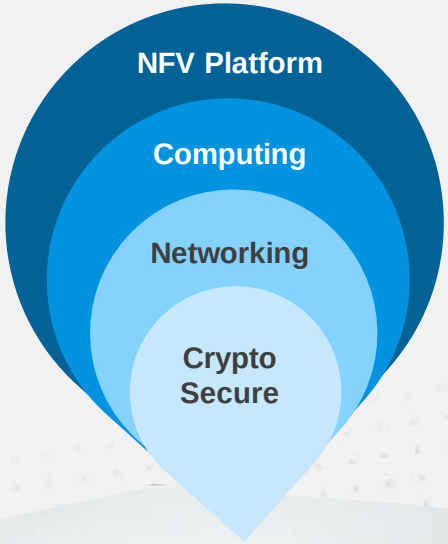




EPYC 3000 核心功能介紹

高運算效能、高網路處理速度、高應用安全性、低成本花費

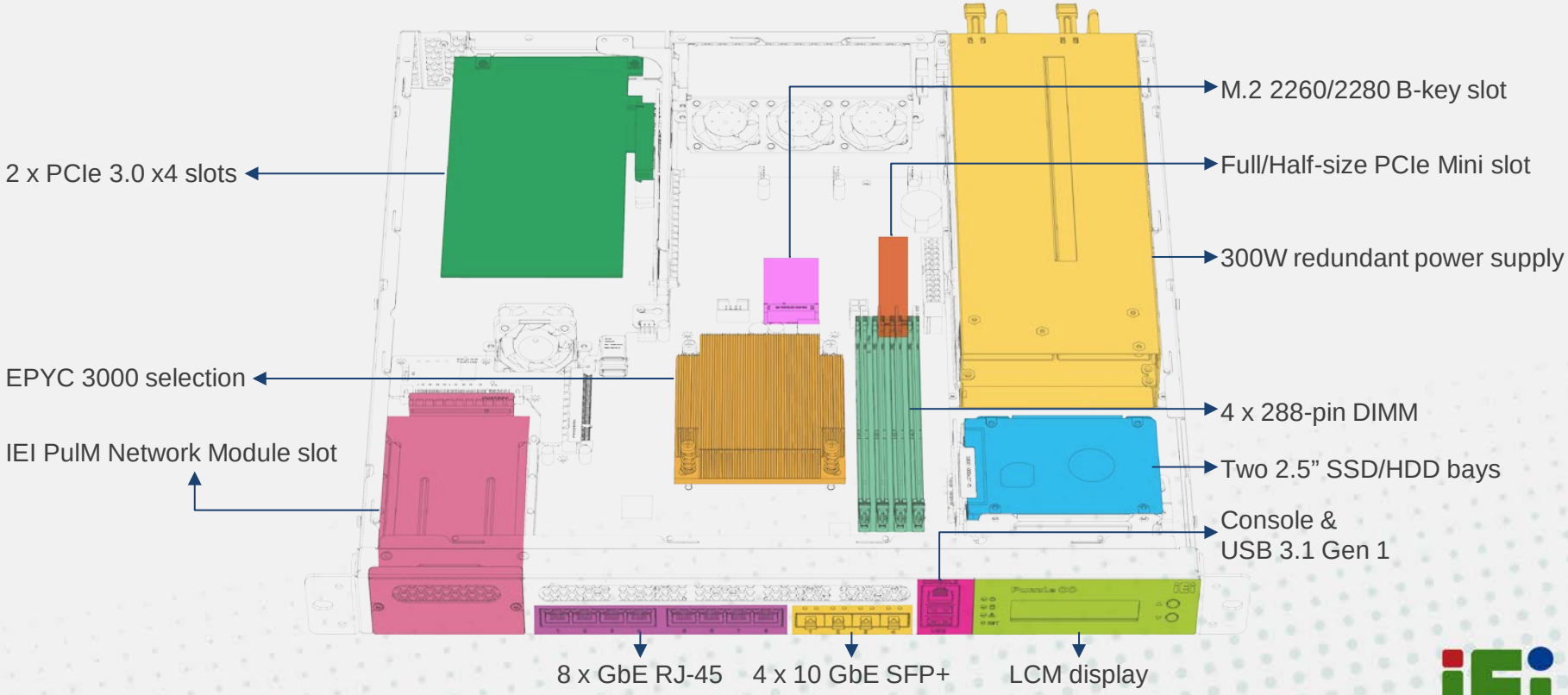
	EPYC 3151	Xeon D-1527
Cores / Threads	4C / 8T	4C / 8T
TDP (W)	45	35
Base freq./Turbo (GHz)	2.7 / 2.9	2.2 / 2.7
L3 Cache (Mbyte)	16	6
DDR4 channel / freq. (GHz)	2 / 2666	2 / 2133
PCIe lanes (Gen 3)	32	32
Ethernet – 10GbE	8[1]	2
Secure boot	Supported	Not available
Crypto	SME[2] / SEV[3]	Not available



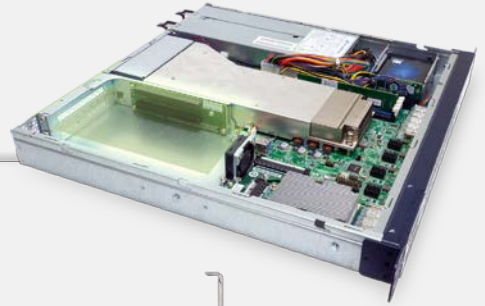


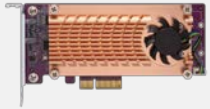
▲ PUZZLE-A001

PUZZLE-A001 規格總覽



PCIe 擴充卡










P/N	QNAP QM2-2P-384 QNAP QM2-2P-344	IEI GPOE-4P-R10 IEI GPOE-2P-R10	**IEI Mustang-F100-A10**	**IEI Mustang-V100-MX8**	NVIDIA® TESLA® P4	GT1030
Description	Dual M.2 PCIe SSD expansion card	2-port/4-port PoE card	**FPGA card**	**VPU card**	Inferencing accelerator card	GPU card
Form Factor/ Interface	Low-Profile PCIe 3.0 x8	Low-Profile PCIe x1	**Low-Profile PCIe 3.0 x8**	**Low-Profile PCIe 2.0 x4**	Low-Profile PCIe 3.0 x16	Low-Profile PCIe 3.0 x4

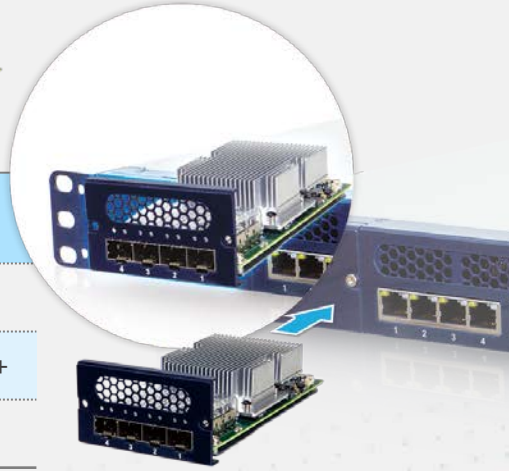
網路模組卡







P/N	PuIM-25G2SF-MLX	PuIM-10G4SF-XL710	PuIM-10G4SF-MLX (Mellanox)
NIC Brand	Mellanox	Intel	Mellanox
Form Factor Interface	Dual-port 25GbE SFP28	Quad-port 10GbE SFP+	Quad-port 10GbE SFP+
Description	PCIe 3.0 x8	PCIe 3.0 x8	2 x PCIe 3.0 x4



購買資訊

PUZZLE-A001-SO2/R-R10	1U Rackmount Network Appliance with AMD EPYC™ Embedded 3201 processor, four DDR4 slots, two 2.5" SATA bay, four 10 GbE SFP+, eight 1GbE, one PulM, two PCIe expansion, Redundant Power, RoHS
PUZZLE-A001-SO3/R-R10	1U Rackmount Network Appliance with AMD EPYC™ Embedded 3151 processor, four DDR4 slots, two 2.5" SATA bay, four 10 GbE SFP+, eight 1GbE, one PulM, two PCIe expansion, Redundant Power, RoHS
PUZZLE-A001-SO2/16G/R-R10	1U Rackmount Network Appliance with AMD EPYC™ Embedded 3201 processor, 16GB DDR4, two 256GB SSD, four 10 GbE SFP+, eight 1GbE, one PulM, two PCIe expansion, Redundant Power, RoHS
PUZZLE-A001-SO3/16G/R-R10	1U Rackmount Network Appliance with AMD EPYC™ Embedded 3151 processor, 16GB DDR4, two 256GB SSD, four 10 GbE SFP+, eight 1GbE, one PulM, two PCIe expansion, Redundant Power, RoHS



▲ PUZZLE-A001

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@IEIIntegration

@IEITaiwan

IEI Integration Corp.

@ieiworld

@ieismartcity

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