



## TUCloud Compared to Other Environments

	TUCloud	School/College Server in TU Data Center	School/College Server in School/College Data Center	School/College Server in Office Space	Amazon Web Services (AWS)
Environmental / Control Against Heat, Humidity, Fire & Power	●	●	●	●	●
Less Downtime / Mitigating Outages	●	●	●	●	●
Backup/Recovery	●	●	●	●	●
Secured Environment / Data Safety	●	●	●	●	●
Network Performance	●	●	●	●	●
Hardware Performance	●	●	●	●	●
Keep Current / System Upgrades & Patching	●	●	●	●	●
24x7 Support / Monitoring & Alerting	●	●	●	●	●
Optimized / Virtualization, Ready to Use	●	●	●	●	●
School Resource Business Support Focused	●	●	●	●	●
Base HW + Additional HW for Backup	\$\$\$	\$\$ + \$	\$\$ + \$	\$ + \$	\$\$\$ + \$
CAPEX/OPEX	OPEX	CAPEX & OPEX	CAPEX & OPEX	CAPEX & OPEX	OPEX
Overall Risk	●	●	●	●	●

Can be improved with additional capital

Can be improved with additional support resources

CAPEX – Capital Expenditure

OPEX – Operational Expenditure

## Recommended Use of Environments

### TUCloud

- Critical applications
- Regulatory and compliance
- On demand sizing
- Focus resources on business applications
- Physical server not required

### School/College Server in TU Data Center (CLA, Engineering & Fox)

- Full control of the server with the benefit of the university environmental and network performance

### School/College Server in School/College Data Center

- Full control of the server
- Tolerance for network and power outages
- Network performance is not a concern
- Resource capability and capacity to support the system as well as the business applications

### School/College Server in Office Space

- Non-critical use cases
- Same cases as in “School/College Server in School/College Data Center”

### Amazon Web Services (AWS)

- Small servers and low storage
- Minimal data transfer needs
- Non-Confidential data
- Faster spin up
- Physical server not required