



For Rugged Servers and SANs



EC188 Series Features

- For rugged servers
- Ultra high speed & IOPS
- High concurrent visits
- High durability and reliability
- Outstanding stability & robustness
- Low power consumption
- Reduction in TCO



2.5" NVMe U.2

Application Examples

<p>Rugged Military Server</p> 	<p>Rugged SAN/NAS Server</p> 
<p>Rugged Blade Server</p> 	<p>Rugged RIAD Server</p> 





EC188 Series Various Interfaces, C-temp or wider



<i>Form Factor</i>	<i>R/W Speed (MB/s)</i>	<i>Read/Write IOPS</i>	<i>Capacity</i>	<i>Remarks</i>
3U VPX	4,000/ 3,300	100K/100K	1 TB ~ 32 TB	Opt. HE
PXIE	3,500/ 3,300	110K/110K	1 TB ~ 8 TB	Opt. HE
2.5" NVMe, U.2	3,000/ 2,200	300K/270K	1TB ~ 8TB	Opt. HE, S1
PCIe x8 Gen 3.0	3,800/3,100	110K/110K	1 TB ~ 16 TB	Opt. HE, S1
PCIe x8 Gen 2.0	2,400/2,200	380K/380K	1 TB ~ 6 TB	Opt. HE, S1
PCIe x4 Gen 3.0	2,800/1,500	280K/200K	500 ~ 2,000	Opt. HE, S1
PCIe x4 Gen 2.0	1,500/1,400	200K/180K	1 TB ~ 12 TB	Opt. HE, S1
PCIe x4 Gen 1.0	800/700	83K/80K	4 TB ~ 32 TB	Opt. HE, S1
2.5" SATA III	550/510	55K/60K	1 TB ~ 8 TB	Opt. HE, S1



3U PXIE

Optional feature code:
 HE: hardware based encryption engine
 S1: software based secure erase

Product offers and specifications are subject to datasheets.
 Please contact Foremay if you need any special features.



For Rugged SBC and Compact Computers



✔ OC177 Series, Disk-on-Module

- For rugged Single Board Computers
- Complete line of housing free SSDs
 - M.2 SATA
 - M.2 PCIe
 - mSATA, MO-300B
 - mini mSATA
 - Half slim SATA, MO-207A
 - microSATA
 - DOC: Disk-On-Chip
 - IDE/PATA



M.2 SATA / PCIe

Application Examples

UAV / Remote Drone
Video Recorders



Rugged SBC /
Single Board Computer



Rugged Wearable Computers



Rugged Embedded System /
Military GPS



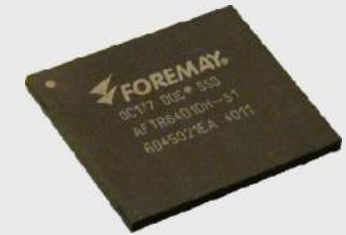


OC177 Hi-Rel Series

Military Grade, I -temp or wider, caseless design



<i>Form Factor</i>	<i>R/W Speed, Max. (MB/s)</i>	<i>Capacity (GB)</i>	<i>Optional Features</i>
M.2, PCIe	2,800/1,500	32 ~ 2,000	HE, S1, CC, WP
M.2, SATA	550/510	32 ~ 2,000	HE, S1, S2, CC, WP
mSATA	550/500	30 ~ 1,000	HE, S1, S2, CC, WP
Mini mSATA	500/280	30 ~ 256	HE, S1, CC
half slim SATA	550/450	30 ~ 256	HE, S1, S2, CC, WP
1.8" microSATA	550/510	30 ~ 2,000	HE, S1, S2, CC, WP
1.8" SATA	550/510	30 ~ 256	HE, S1
Disk on Chip (DOC®)	360/100	8 ~ 64	HE, S1



Disk-On-Chip,
NAND BGA SSD



Mini mSATA
27 x 30 mm

Product offers and specifications are subject to datasheets



For Military/Defense/Aerospace



✓ SC199 Hi-Rel Series

- Military / Defense / Aerospace
- Harsh operating temperature:
 - 40 ~ 85C°
 - 45 ~ 95C°
 - 50 ~ 110C°
 - 55 ~ 125C°
- Robust in anti-shock/vibration/drop
- High durability and reliability
- Military Secure Erase option
- Hardware based encryption option
- Conformal coating option



Rugged 3U VPX

Jet Fighters



Rugged Computing



Missions Critical



Rugged Laptops



Aerospace



Rugged Workstation



Submarine / UUV



UAV / Remote Drone



Oil / Gas field





SC199 Hi-Rel Series

Military Grade, Operating Temp: I-temp or wider



Form Factor	R/W Speed, Max. (MB/s)	Capacity (GB)	Optional Features
2.5" NVMe (U.2)	3,000/2,200	1,000 ~ 8,000	HE, S1, S2*, S3*,CC, SC
2.5" SATA	550/510	30 ~ 8,000	HE, S1, S2*, S3*,CC, WP
1.8" micro SATA	550/510	30 ~ 2,000	HE, S1, S2*, S3*, CC, WP
1.8" SATA	550/510	30 ~ 500	HE, S1, CC
2.5 IDE	100/80	30 ~ 1,000	S1, S2*, CC
CompactFlash	100/80	30 ~ 128	HE, S1, CC
CFast	400/180	30 ~ 128	HE, S1, S2, CC, WP
3U PXIe	3,800/3,100	1,000 ~ 16,0000	HE, S1,CC
3U VPX	3,800/3,100	1,000 ~ 16,0000	HE, S1, CC

Optional feature code:
 HE: hardware based encryption engine
 S1: software based secure erase
 S2: hardware based secure erase
 S3: One-key self-destroy secure erase
 CC: Conformal coating
 SC: Super Capacitor

*: S2 and S3 are available for selected models



1.8" SATA rugged SSD

Please talk to a Foremay sales rep if you have any requirement for other special features.
 - Product offers and specifications are subject to datasheets



For Industrial Computing

✔ *TC166 Series Features*

- Robust in anti-shock/vibration/drop
- Low power, long battery life
- High durability
- Data protection
- Noiseless and low heat
- Light and Slim
- Improved system performance
- Instant On



2/5" SATA III with external triggered secure erase

Application Examples

Train/Subway Systems



Rugged Tablet



Ship / Marines Systems



Industrial PC & Robots





TC166 Family



Industrial Computers/ Embedded Systems, C-temp or wider

<i>Form Factor</i>	<i>R/W Speed, Max. (MB/sec)</i>	<i>Capacity (GB)</i>	<i>Optional Features</i>
2.5" SATA	550/510	30 ~ 16,000	HE, S1, S2, S3, WP
3.5" SATA	550/510	30 ~ 32,000	HE, S1, S2, WP
1.8" micro SATA	550/510	30 ~ 2,000	HE, S1, S2, WP
1.8" SATA	550/510	30 ~ 256	HE, S1
2.5" IDE	100/80	60 ~ 1,000	S1
CompactFlash	100/80	8 ~ 128	HE, S1, CC
CFast	500/350	32 ~ 128	HE, S1,CC



2.5" SATA III

Optional feature code:
HE: hardware based encryption engine
S1: secure erase, CC: conformal coating

Product offers and specifications are subject to datasheets

